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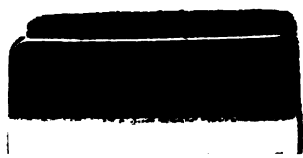
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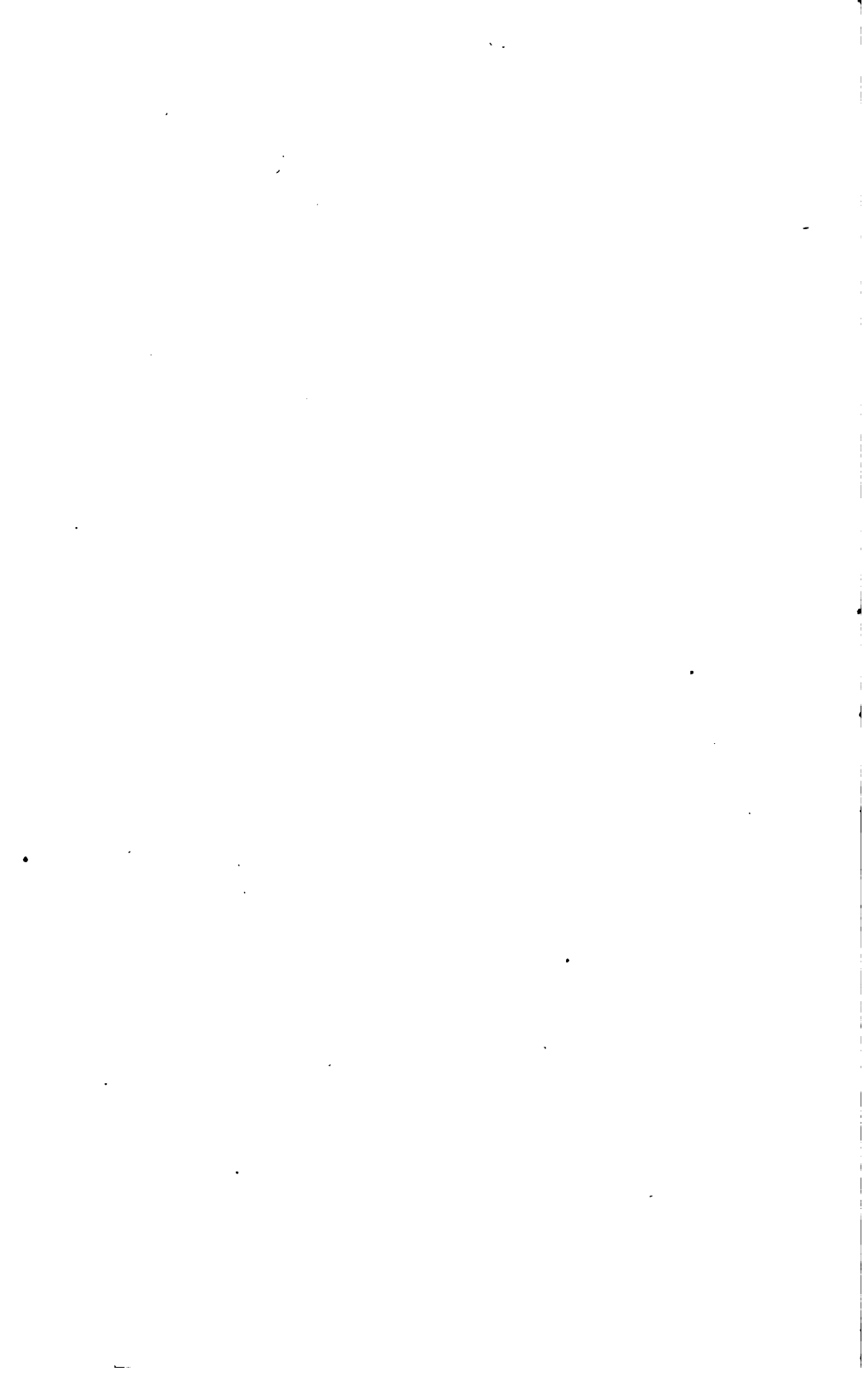
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*MASS*  
**The Commonwealth of Massachusetts**

**BUREAU OF STATISTICS**

CHARLES F. GETTEMY, Director

**TWENTY-SEVENTH ANNUAL REPORT**

OF THE

**STATISTICS OF MANUFACTURES**

FOR THE YEAR

**1912**



**BOSTON**  
**WRIGHT & POTTER PRINTING COMPANY**  
STATE PRINTERS  
1914

# MASSACHUSETTS

## BUREAU OF STATISTICS

Rooms 250-258, State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns and supervises the issue of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are three, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; and 41 North Main Street, Fall River. During the period of taking and compiling the Census a sixth, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

SECTION 3. The Director of the Bureau of Statistics shall annually on or before the third Wednesday in January submit to the General Court a statement summarizing the work of the Bureau during the preceding year, and shall make therein such recommendations as he may deem proper. He shall also prepare annually for distribution as public documents, a Report on the Statistics of Labor, which shall embody statistical and other information relating especially to labor affairs in the Commonwealth; a Report on the Statistics of Manufactures, to be gathered as hereinafter more particularly provided for; a Report on the Financial Statistics of the Cities and Towns of the Commonwealth, to be gathered as hereinafter more particularly provided for; and a report covering the work of the free employment offices. . . . The Director may also publish, at such intervals as he deems expedient, bulletins or special reports relative to industrial or economic matters and municipal affairs. . . .

For a list of the publications of the Bureau see pages 3 and 4 of this cover.

**The Commonwealth of Massachusetts.**

**TWENTY-SEVENTH ANNUAL REPORT**

ON THE

**STATISTICS OF MANUFACTURES**

FOR THE YEAR

**1912.**

BY THE

**DIRECTOR OF THE BUREAU OF STATISTICS.**



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
32 DERNE STREET.

1914.

# The Commonwealth of Massachusetts

## BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

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### EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

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APPROVED BY THE STATE BOARD OF PUBLICATION.

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# STATISTICS OF MANUFACTURES—1912.

## INTRODUCTION.

The year 1912 marks the highest level ever reached in the history of Massachusetts manufactures. The value of goods produced in her factories for that year, as shown by the returns from 8,271 establishments, was \$1,596,734,445, an increase of nearly \$129,000,000, or approximately nine per cent, over 1911, and a gain over the record of the latest Census of more than \$106,000,000, or upwards of seven per cent. Leaving out of the account the value of stock and materials, some \$929,000,000 (already, in large measure, the product of other manufacturing industries), we have upwards of \$667,000,000 of new wealth created, in different forms, by our manufacturing establishments in the year 1912. The following is a comparison of the data for All Industries for 1909 (the last census year) and 1912:—

|  | 1909            | 1912            |
|--|-----------------|-----------------|
| <i>Number of Establishments, . . . . .</i>                                   | 11,684          | 8,271           |
| <i>Total Amount of Capital Invested, . . . . .</i>                           | \$1,279,686,558 | \$1,308,013,171 |
| <i>Total Value of Manufactured Product, . . . . .</i>                        | \$1,490,529,386 | \$1,596,734,445 |
| <i>Total Value of Stock and Materials Used, . . . . .</i>                    | \$830,764,943   | \$929,304,882   |
| <i>Total Amount of Wages Paid in Manufacturing Establishments, . . . . .</i> | \$301,173,464   | \$335,553,704   |
| <i>Average Number of Wage-Earners, . . . . .</i>                             | 584,559         | 608,590         |

The significance of these figures is more readily understood when it is remembered that in census years the canvass is complete, that for 1909 covering 11,684 establishments, while the canvass for 1912, although covering in their entirety the principal industries of the State, omitted the industries gas, printing and publishing newspapers and periodicals, the lumber camps and saw mills in remote regions, as well as a large num-



ber of small establishments; these latter, "constituted a considerable proportion of the total number of establishments — 23.6 per cent in the census year — but the value of product in them amounted to only *one-half of one per cent of the total.*"<sup>1</sup>

The figures by years, from 1907 to 1912, are given in the following table:

| YEARS.                  | Number of Establishments | Value of Product | Value of Stock and Materials used | Wages Paid    | Average Number of Wage-Earners |
|-------------------------|--------------------------|------------------|-----------------------------------|---------------|--------------------------------|
| 1907, . . . . .         | 5,671                    | \$1,364,431,255  | \$779,840,958                     | \$278,191,113 | 539,983                        |
| 1908, . . . . .         | 6,044                    | 1,172,808,782    | 669,259,739                       | 245,207,180   | 480,134                        |
| 1909 (census year), . . | 11,684                   | 1,490,529,386    | 830,764,943                       | 301,173,464   | * 584,559                      |
| 1910, . . . . .         | 7,939                    | 1,465,749,310    | 863,381,866                       | 304,832,691   | 578,551                        |
| 1911, . . . . .         | 8,132                    | 1,467,961,803    | 863,050,379                       | 311,148,856   | 584,083                        |
| 1912, . . . . .         | 8,271                    | 1,596,734,445    | 929,304,882                       | 335,553,704   | 608,590                        |

The increase shown for the State as a whole is exhibited also in each of the five principal industries. *Boots and shoes*, exclusive of cut stock and findings, increased its product from \$196,-898,074 in 1911 to \$209,489,037 in 1912, a gain of \$12,590,963, or 6.4 per cent. The textile industries, notwithstanding the serious depression which has existed and still exists in them to some extent, and notwithstanding the prolonged strike in Lawrence during the first quarter of the year 1912, show substantial improvement for the year as a whole, the increase in *Woolen and worsted goods*, including felt goods and wool hats, amounting to more than \$20,000,000 in product value, or 17.3 per cent as compared with the previous year, and *Cotton goods*, including cotton small wares, presenting a gain of nearly \$6,-000,000 in product value, or a little over three per cent. *Leather, tanned, curried, and finished* shows an increase of nearly 25 (24.7) per cent in product value as compared with the year 1911, and while some of this gain is doubtless attributable to advance in prices, there is also evidence of increase within the industry, as shown by the gain of nearly 15 per cent in the average number of wage-earners, and the increase of over \$1,000,000 in wages

<sup>1</sup> 13th Census of the U. S., Vol. IX, page 507.

\* Not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, and 1912.

paid as compared with the year preceding. *Paper and wood pulp* increased in product value from \$44,951,237 to \$47,228,049, a gain of \$2,276,812, or a little over five per cent. These figures for the principal industries are as full and complete as those of the Census, inasmuch as all of the establishments in them were canvassed in 1912. The totals brought up to date for these five industries are presented by years in the following tables, beginning with 1907:

**Boots and Shoes (exclusive of Cut Stock and Findings).***(a) Product.*

| YEAR.  | Value         | Increase                  | Per Cent of Increase |
|--|---------------|---------------------------|----------------------|
| 1907, . . . . .                              | \$188,127,176 | -                         | -                    |
| 1908, . . . . .                              | 169,957,116   | <sup>1</sup> \$18,170,060 | <sup>1</sup> 9.7     |
| 1909, . . . . .                              | 187,045,767   | 17,088,651                | 10.1                 |
| 1910, . . . . .                              | 190,856,515   | 3,810,748                 | 2.0                  |
| 1911, . . . . .                              | 196,898,074   | 6,041,559                 | 3.2                  |
| 1912, . . . . .                              | 209,489,037   | 12,590,963                | 6.4                  |
| Increase for the five-year period, . . . . . | -             | 21,361,861                | 11.4                 |

*(b) Stock and Materials.*

|  |               |                           |                   |
|--|---------------|---------------------------|-------------------|
| 1907, . . . . .                              | \$118,399,391 | -                         | -                 |
| 1908, . . . . .                              | 104,171,604   | <sup>1</sup> \$14,227,687 | <sup>1</sup> 12.0 |
| 1909, . . . . .                              | 114,277,189   | 10,105,585                | 9.7               |
| 1910, . . . . .                              | 115,624,486   | 1,347,297                 | 1.2               |
| 1911, . . . . .                              | 119,330,298   | 3,705,812                 | 3.2               |
| 1912, . . . . .                              | 125,659,585   | 6,329,287                 | 5.3               |
| Increase for the five-year period, . . . . . | -             | 7,260,294                 | 6.1               |

*(c) Wages Paid.*

|  |              |                          |                  |
|--|--------------|--------------------------|------------------|
| 1907, . . . . .                              | \$42,025,242 | -                        | -                |
| 1908, . . . . .                              | 38,959,428   | <sup>1</sup> \$3,065,814 | <sup>1</sup> 7.3 |
| 1909, . . . . .                              | 41,970,498   | 3,011,070                | 7.7              |
| 1910, . . . . .                              | 45,171,454   | 3,200,956                | 7.6              |
| 1911, . . . . .                              | 47,259,721   | 2,088,267                | 4.6              |
| 1912, . . . . .                              | 49,596,284   | 2,336,563                | 4.9              |
| Increase for the five-year period, . . . . . | -            | 7,571,042                | 18.0             |

*(d) Wage-Earners.*

| YEAR.  | Number | Increase           | Per Cent of Increase |
|--|--------|--------------------|----------------------|
| 1907, . . . . .                              | 72,671 | -                  | -                    |
| 1908, . . . . .                              | 69,250 | <sup>1</sup> 3,421 | <sup>1</sup> 4.7     |
| 1909, . . . . .                              | 74,710 | 5,460              | 7.9                  |
| 1910, . . . . .                              | 77,000 | 2,290              | 3.1                  |
| 1911, . . . . .                              | 79,542 | 2,542              | 3.3                  |
| 1912, . . . . .                              | 81,982 | 2,420              | 3.0                  |
| Increase for the five-year period, . . . . . | -      | 9,291              | 12.8                 |

<sup>1</sup> Decrease.

**Cotton Goods** (including Cotton Small Wares).(a) *Product.*

| YEAR.  | Value         | Increase                  | Per Cent of Increase |
|--|---------------|---------------------------|----------------------|
| 1907, . . . . .                              | \$190,148,422 | —                         | —                    |
| 1908, . . . . .                              | 156,048,533   | <sup>1</sup> \$34,099,889 | <sup>1</sup> 17.9    |
| 1909, . . . . .                              | 186,462,313   | 30,413,780                | 19.5                 |
| 1910, . . . . .                              | 192,777,722   | 6,315,409                 | 3.4                  |
| 1911, . . . . .                              | 183,121,235   | <sup>1</sup> 9,656,487    | <sup>1</sup> 5.0     |
| 1912, . . . . .                              | 189,010,823   | 5,889,588                 | 3.2                  |
| Increase for the five-year period, . . . . . | —             | <sup>1</sup> 1,137,599    | <sup>1</sup> 0.6     |

(b) *Stock and Materials.*

|  |               |                           |                   |
|--|---------------|---------------------------|-------------------|
| 1907, . . . . .                              | \$105,499,029 | —                         | —                 |
| 1908, . . . . .                              | 92,951,308    | <sup>1</sup> \$12,547,721 | <sup>1</sup> 11.9 |
| 1909, . . . . .                              | 105,156,794   | 12,205,486                | 13.1              |
| 1910, . . . . .                              | 121,880,780   | 16,723,986                | 15.9              |
| 1911, . . . . .                              | 119,879,589   | <sup>1</sup> 2,001,191    | <sup>1</sup> 1.6  |
| 1912, . . . . .                              | 115,079,451   | <sup>1</sup> 4,800,138    | <sup>1</sup> 4.0  |
| Increase for the five-year period, . . . . . | —             | 9,580,422                 | 9.1               |

(c) *Wages Paid.*

|  |              |                          |                   |
|--|--------------|--------------------------|-------------------|
| 1907, . . . . .                              | \$45,063,459 | —                        | —                 |
| 1908, . . . . .                              | 40,228,037   | <sup>1</sup> \$4,835,422 | <sup>1</sup> 10.7 |
| 1909, . . . . .                              | 45,117,049   | 4,889,032                | 12.2              |
| 1910, . . . . .                              | 44,857,100   | <sup>1</sup> 259,969     | <sup>1</sup> 0.6  |
| 1911, . . . . .                              | 44,744,628   | <sup>1</sup> 112,472     | <sup>1</sup> 0.3  |
| 1912, . . . . .                              | 48,943,728   | 4,199,100                | 9.4               |
| Increase for the five-year period, . . . . . | —            | 3,880,269                | 8.6               |

(d) *Wage-Earners.*

| YEAR.  | Number  | Increase            | Per Cent of Increase |
|--|---------|---------------------|----------------------|
| 1907, . . . . .                              | 101,862 | —                   | —                    |
| 1908, . . . . .                              | 91,645  | <sup>1</sup> 10,217 | <sup>1</sup> 10.0    |
| 1909, . . . . .                              | 108,914 | 17,269              | 18.8                 |
| 1910, . . . . .                              | 108,804 | <sup>1</sup> 110    | <sup>1</sup> 0.1     |
| 1911, . . . . .                              | 109,683 | 879                 | 0.8                  |
| 1912, . . . . .                              | 112,384 | 2,701               | 2.5                  |
| Increase for the five-year period, . . . . . | —       | 10,522              | 10.3                 |

<sup>1</sup> Decrease.

## Leather, Tanned, Curried, and Finished.

(a) *Product.*

| YEAR.  | Value        | Increase                 | Per Cent of Increase |
|--|--------------|--------------------------|----------------------|
| 1907, . . . . .                              | \$46,903,784 | -                        | -                    |
| 1908, . . . . .                              | 41,613,182   | <sup>1</sup> \$5,290,602 | <sup>1</sup> 11.3    |
| 1909, . . . . .                              | 40,002,079   | <sup>1</sup> 1,611,103   | <sup>1</sup> 3.9     |
| 1910, . . . . .                              | 41,544,425   | 1,542,346                | 3.9                  |
| 1911, . . . . .                              | 41,701,686   | 157,261                  | 0.4                  |
| 1912, . . . . .                              | 51,987,780   | 10,286,094               | 24.7                 |
| Increase for the five-year period, . . . . . | -            | 5,083,906                | 10.8                 |

(b) *Stock and Materials.*

| YEAR.  | Value        | Increase                 | Per Cent of Increase |
|--|--------------|--------------------------|----------------------|
| 1907, . . . . .                              | \$34,364,843 | -                        | -                    |
| 1908, . . . . .                              | 29,850,511   | <sup>1</sup> \$4,514,332 | <sup>1</sup> 13.1    |
| 1909, . . . . .                              | 28,765,508   | <sup>1</sup> 1,085,003   | <sup>1</sup> 3.6     |
| 1910, . . . . .                              | 30,346,759   | 1,581,251                | 5.5                  |
| 1911, . . . . .                              | 30,160,956   | <sup>1</sup> 185,803     | <sup>1</sup> 0.6     |
| 1912, . . . . .                              | 37,353,493   | 7,192,537                | 23.8                 |
| Increase for the five-year period, . . . . . | -            | 2,983,650                | 8.7                  |

(c) *Wages Paid.*

| YEAR.  | Value       | Increase               | Per Cent of Increase |
|--|-------------|------------------------|----------------------|
| 1907, . . . . .                              | \$5,284,362 | -                      | -                    |
| 1908, . . . . .                              | 4,950,120   | <sup>1</sup> \$335,242 | <sup>1</sup> 6.2     |
| 1909, . . . . .                              | 5,443,944   | 494,824                | 9.8                  |
| 1910, . . . . .                              | 5,808,631   | 364,687                | 6.7                  |
| 1911, . . . . .                              | 5,604,360   | <sup>1</sup> 204,271   | <sup>1</sup> 3.5     |
| 1912, . . . . .                              | 6,625,375   | 1,021,015              | 18.2                 |
| Increase for the five-year period, . . . . . | -           | 1,341,013              | 25.4                 |

(d) *Wage-Earners.*

| YEAR.  | Number | Increase         | Per Cent of Increase |
|--|--------|------------------|----------------------|
| 1907, . . . . .                              | 10,156 | -                | -                    |
| 1908, . . . . .                              | 9,227  | <sup>1</sup> 929 | <sup>1</sup> 9.1     |
| 1909, . . . . .                              | 10,262 | 1,035            | 11.1                 |
| 1910, . . . . .                              | 10,691 | 430              | 4.3                  |
| 1911, . . . . .                              | 9,903  | <sup>1</sup> 788 | <sup>1</sup> 7.4     |
| 1912, . . . . .                              | 11,372 | 1,469            | 14.8                 |
| Increase for the five-year period, . . . . . | -      | 1,216            | 12.0                 |

<sup>1</sup> Decrease.

**Paper and Wood Pulp.****(a) Product.**

| YEAR.  | Value        | Increase                  | Per Cent of Increase |
|--|--------------|---------------------------|----------------------|
| 1907, . . . . .                              | \$42,707,690 | -                         | -                    |
| 1908, . . . . .                              | 32,087,321   | <sup>1</sup> \$10,620,369 | <sup>1</sup> 24.9    |
| 1909, . . . . .                              | 40,096,713   | 8,009,392                 | 25.0                 |
| 1910, . . . . .                              | 43,030,325   | 2,933,612                 | 7.3                  |
| 1911, . . . . .                              | 44,951,237   | 1,920,912                 | 4.5                  |
| 1912, . . . . .                              | 47,228,049   | 2,276,812                 | 5.1                  |
| Increase for the five-year period, . . . . . | -            | 4,530,369                 | 10.6                 |

**(b) Stock and Materials.**

|  |              |                          |                   |
|--|--------------|--------------------------|-------------------|
| 1907, . . . . .                              | \$33,927,906 | -                        | -                 |
| 1908, . . . . .                              | 18,093,119   | <sup>1</sup> \$5,834,789 | <sup>1</sup> 24.4 |
| 1909, . . . . .                              | 22,349,613   | 4,256,494                | 23.5              |
| 1910, . . . . .                              | 25,869,769   | 3,520,156                | 15.8              |
| 1911, . . . . .                              | 27,358,974   | 1,389,205                | 5.4               |
| 1912, . . . . .                              | 29,000,736   | 1,741,762                | 6.4               |
| Increase for the five-year period, . . . . . | -            | 5,072,828                | 21.2              |

**(c) Wages Paid.**

|  |             |                          |                   |
|--|-------------|--------------------------|-------------------|
| 1907, . . . . .                              | \$6,735,401 | -                        | -                 |
| 1908, . . . . .                              | 5,569,968   | <sup>1</sup> \$1,165,433 | <sup>1</sup> 17.3 |
| 1909, . . . . .                              | 6,541,636   | 971,668                  | 17.4              |
| 1910, . . . . .                              | 6,871,253   | 329,617                  | 5.0               |
| 1911, . . . . .                              | 7,169,660   | 298,407                  | 4.3               |
| 1912, . . . . .                              | 7,791,973   | 622,313                  | 8.7               |
| Increase for the five-year period, . . . . . | -           | 1,056,572                | 15.7              |

**(d) Wage-Earners.**

| YEAR.  | Number | Increase           | Per Cent of Increase |
|--|--------|--------------------|----------------------|
| 1907, . . . . .                              | 13,546 | -                  | -                    |
| 1908, . . . . .                              | 11,390 | <sup>1</sup> 2,156 | <sup>1</sup> 15.9    |
| 1909, . . . . .                              | 12,848 | 1,458              | 12.8                 |
| 1910, . . . . .                              | 13,382 | 534                | 4.2                  |
| 1911, . . . . .                              | 13,811 | 429                | 3.2                  |
| 1912, . . . . .                              | 14,096 | 285                | 2.1                  |
| Increase for the five-year period, . . . . . | -      | 550                | 4.1                  |

<sup>1</sup> Decrease.

# Woolen and Worsted Goods (including Felt goods and Wool hats).

## (a) Product.

| YEAR.  | Value         | Increase                  | Per Cent of Increase |
|--|---------------|---------------------------|----------------------|
| 1907, . . . . .                              | \$131,731,290 | -                         | -                    |
| 1908, . . . . .                              | 105,207,889   | <sup>1</sup> \$36,523,401 | <sup>1</sup> 20.1    |
| 1909, . . . . .                              | 141,966,882   | 36,758,993                | 34.9                 |
| 1910, . . . . .                              | 124,732,488   | <sup>1</sup> 17,234,394   | <sup>1</sup> 12.1    |
| 1911, . . . . .                              | 117,766,316   | <sup>1</sup> 6,966,172    | <sup>1</sup> 5.6     |
| 1912, . . . . .                              | 138,250,253   | 20,483,937                | 17.3                 |
| Increase for the five-year period, . . . . . | -             | 6,518,963                 | 4.9                  |

## (b) Stock and Materials.

|  |              |                           |                   |
|--|--------------|---------------------------|-------------------|
| 1907, . . . . .                              | \$81,450,075 | -                         | -                 |
| 1908, . . . . .                              | 64,097,028   | <sup>1</sup> \$17,353,047 | <sup>1</sup> 21.3 |
| 1909, . . . . .                              | 87,976,331   | 23,879,303                | 37.3              |
| 1910, . . . . .                              | 77,264,829   | <sup>1</sup> 10,711,502   | <sup>1</sup> 12.2 |
| 1911, . . . . .                              | 75,533,192   | <sup>1</sup> 1,731,637    | <sup>1</sup> 2.2  |
| 1912, . . . . .                              | 86,389,055   | 10,855,863                | 14.4              |
| Increase for the five-year period, . . . . . | -            | 4,938,980                 | 6.1               |

## (c) Wages Paid.

|  |              |                          |                   |
|--|--------------|--------------------------|-------------------|
| 1907, . . . . .                              | \$23,043,548 | -                        | -                 |
| 1908, . . . . .                              | 19,226,058   | <sup>1</sup> \$3,817,490 | <sup>1</sup> 16.6 |
| 1909, . . . . .                              | 24,592,763   | 5,366,705                | 27.9              |
| 1910, . . . . .                              | 22,683,873   | <sup>1</sup> 1,908,890   | <sup>1</sup> 7.8  |
| 1911, . . . . .                              | 23,123,850   | 439,977                  | 1.9               |
| 1912, . . . . .                              | 27,065,903   | 3,942,053                | 17.0              |
| Increase for the five-year period, . . . . . | -            | 4,022,355                | 17.5              |

## (d) Wage-Earners.

| YEAR.  | Number | Increase           | Per Cent of Increase |
|--|--------|--------------------|----------------------|
| 1907, . . . . .                              | 50,392 | -                  | -                    |
| 1908, . . . . .                              | 42,898 | <sup>1</sup> 7,494 | <sup>1</sup> 14.9    |
| 1909, . . . . .                              | 53,873 | 10,975             | 25.6                 |
| 1910, . . . . .                              | 50,071 | <sup>1</sup> 3,802 | <sup>1</sup> 7.1     |
| 1911, . . . . .                              | 49,986 | <sup>1</sup> 85    | <sup>1</sup> 0.2     |
| 1912, . . . . .                              | 55,089 | 5,103              | 10.2                 |
| Increase for the five-year period, . . . . . | -      | 4,697              | 9.3                  |

<sup>1</sup> Decrease.

## THE CITIES.

No change in industrial position, as between the years 1911 and 1912, is noted among the first seven cities of the State. In the eighth place, however, held by *Brockton* in 1911, we have *Cambridge* in 1912. The total value of goods manufactured in the 33 cities in 1912 amounted to \$1,163,466,626, and this figure formed, approximately, 73 per cent of the State total. The gain over 1911, the total for that year being \$1,062,133,348, was more than nine per cent, and the excess over the corresponding total for the census year, \$1,087,396,052, was nearly seven per cent. In the following table, the 33 cities are grouped into classes according to value of product, *Boston* holding the upper extreme, with an output of \$241,229,318, and the nearest city, *Worcester*, having a product value only about one-third as large, \$86,318,715:

| PRODUCT VALUE EXPRESSED IN MILLIONS. | NUMBER OF CITIES IN RESPECTIVE CLASSES |      |
|--------------------------------------|--|------|
|                                      | 1912                                   | 1911 |
| 200 and over, . . . . .              | 1                                      | 1    |
| 100 to 200, . . . . .                | —                                      | —    |
| 50 to 100, . . . . .                 | 7                                      | 6    |
| 40 to 50, . . . . .                  | 5                                      | 3    |
| 30 to 40, . . . . .                  | —                                      | 3    |
| 20 to 30, . . . . .                  | 3                                      | 1    |
| 10 to 20, . . . . .                  | 6                                      | 6    |
| 1 to 10, . . . . .                   | 11                                     | 13   |
| Total, . . . . .                     | 33                                     | 33   |

Thirty of the 33 cities show increase in value of product in 1912 as compared with 1911, special gains in important cities being shown for *Boston* and *Worcester*, *Lynn* and *Haverhill*, *Cambridge*, *Somerville*, and *Springfield*.

The value of product for the city of *Boston*, including what was formerly the town of Hyde Park, — annexed to Boston in 1912, — amounted to \$241,229,318, a gain over the totals for the preceding year of, approximately, 14 per cent. It should, perhaps, be again noted that the figures for *Boston* in 1912 do not include establishments engaged in the manufacture of gas



or in newspaper printing and publishing, both of which industries are of considerable importance in this city.<sup>1</sup> The number of wage-earners in Boston increased from 63,715 in 1911 to 72,343 in 1912, and the total amount disbursed in wages rose to \$43,621,813 as against \$37,557,055 in 1911. Increases in product value are also shown in 1912 for the following industries, — *Boots and shoes, Boot and shoe cut stock and findings Confectionery, Electrical machinery, apparatus, and supplies, and Foundry and machine-shop products.* The city of Worcester, second in importance, owes her industrial position to her foundries and machine shops, iron and steel works, and wire mills, and there are also extensive manufactures of woolen and worsted goods.

The rank of the boot and shoe cities, based on the value of these goods produced in 1912 was as follows: *Lynn*, \$35,511,992 as against \$33,526,669 in 1911; *Brockton*, \$34,244,367 as against \$34,975,333 in 1911; and *Haverhill*, \$26,183,090 as against \$22,-898,656 in 1911. Haverhill holds fourth position in the manufacture of boots and shoes in the United States, St. Louis ranking third, as determined by the Census of 1909, and Lynn and Brockton keeping the lead both in Massachusetts and in the United States. In this industry, there was perhaps more movement from place to place than usual, several large factories in Lynn having discontinued business there in 1912. It so happens, however, that although the product in these particular factories was lost to Lynn, it was apparently more than made up by the increase in business in the other establishments, and there has been at the same time a distinct gain to Boston or to some other city in the Metropolitan district, among which Everett may be noted. There were, too, removals to New Hampshire, but they were more than offset by the incoming of wholly new enterprises to this industry, of which several of considerable importance were located in the city of Boston.

*Fall River, Lowell, and New Bedford*, are the first three cities in the State and in the United States in the manufacture of *Cotton goods*. Each of them exhibits gain in 1912 as compared with 1911 for All Industries, and both Fall River and New Bedford exhibit a slight gain in the value of cotton goods pro-

<sup>1</sup> The combined product in these industries according to the Census of 1909 was upwards of \$20,000,000.

duced and in the number of wage-earners employed in that industry. In Lowell, however, although the city as a whole shows a gain, the value of cotton goods produced was somewhat less than in 1911. The city of *Lawrence*, first in the manufacture of *worsted goods* in the State and in the United States, exhibits considerable increase over 1911. Notwithstanding the serious strike in that city during the first three months of 1912, the year closed with a product value in the woolen and worsted goods industry of \$48,346,932, and an average of 19,218 wage-earners employed, as against \$41,507,774 and an average of 17,058 wage-earners in 1911. The city of *Cambridge* exhibits substantial gain (14.9 per cent), the industries being somewhat diversified, but the manufacture of rubber boots and shoes, rubber belting and hose, confectionery, and foundry and machine-shop products may be specially mentioned. The city of *Holyoke*, prominent in the manufacture both of fine paper and of textiles, shows an increase of six per cent over the figures for 1911. *Somerville*, whose principal industry is *Slaughtering and meat packing*, had an increase of 14.2 per cent, and the city of *Springfield*, although with smaller product value, made a relatively greater gain than any thus far noted.

The figures for 1911 and 1912 for the several cities of the State, are brought together for comparison in the following table:

| CITIES.                  | 1911                   | 1912                   | Percentage of Increase |
|--------------------------|------------------------|------------------------|------------------------|
| <b>Totals, . . . . .</b> | <b>\$1,062,123,348</b> | <b>\$1,163,466,626</b> | <b>9.5</b>             |
| Boston, . . . . .        | 211,806,717            | 241,229,318            | 13.9                   |
| Worcester, . . . . .     | 77,566,904             | 86,318,715             | 11.3                   |
| Lynn, . . . . .          | 72,580,443             | 80,544,498             | 11.0                   |
| Lawrence, . . . . .      | 65,878,126             | 70,315,376             | 6.7                    |
| Fall River, . . . . .    | 58,277,536             | 62,440,525             | 7.1                    |
| New Bedford, . . . . .   | 56,421,318             | 59,823,994             | 6.0                    |
| Lowell, . . . . .        | 55,653,413             | 56,660,584             | 1.9                    |
| Cambridge, . . . . .     | 46,271,508             | 53,154,607             | 14.9                   |
| Brockton, . . . . .      | 48,804,570             | 48,896,581             | 0.2                    |
| Holyoke, . . . . .       | 42,888,084             | 45,592,190             | 6.3                    |
| Somerville, . . . . .    | 39,509,299             | 45,125,009             | 14.2                   |
| Haverhill, . . . . .     | 37,793,125             | 42,413,255             | 12.2                   |
| Springfield, . . . . .   | 32,607,069             | 40,669,921             | 24.8                   |

|                        | 1911         | 1912         | Percentage<br>of Increase |
|------------------------|--------------|--------------|---------------------------|
| Fitchburg, . . . . .   | \$24,123,657 | \$24,837,689 | 3.0                       |
| Chicopee, . . . . .    | 19,979,705   | 24,076,032   | 20.5                      |
| Pittsfield, . . . . .  | 17,958,959   | 20,580,024   | 14.6                      |
| Salem, . . . . .       | 15,179,703   | 19,037,759   | 25.4                      |
| Chelsea, . . . . .     | 18,409,543   | 16,474,423   | <sup>1</sup> 10.5         |
| Taunton, . . . . .     | 13,954,908   | 15,767,316   | 13.0                      |
| Quincy, . . . . .      | 17,587,223   | 14,400,062   | <sup>1</sup> 18.1         |
| North Adams, . . . . . | 9,506,803    | 10,744,577   | 13.0                      |
| Everett, . . . . .     | 9,166,271    | 10,223,567   | 11.5                      |
| Waltham, . . . . .     | 8,268,532    | 9,760,793    | 18.0                      |
| Northampton, . . . . . | 7,564,461    | 8,333,736    | 10.2                      |
| Marlborough, . . . . . | 7,995,217    | 8,258,371    | 3.3                       |
| Malden, . . . . .      | 7,925,616    | 8,063,194    | 1.6                       |
| Newburyport, . . . . . | 7,387,131    | 8,039,735    | 8.8                       |
| Gloucester, . . . . .  | 7,557,314    | 7,578,694    | 0.3                       |
| Beverly, . . . . .     | 7,932,495    | 6,963,033    | <sup>1</sup> 12.2         |
| Woburn, . . . . .      | 5,030,718    | 5,975,787    | 18.8                      |
| Newton, . . . . .      | 5,745,660    | 5,924,559    | 3.1                       |
| Melrose, . . . . .     | 2,654,024    | 2,716,498    | 2.4                       |
| Medford, . . . . .     | 2,148,306    | 2,476,214    | 15.3                      |

<sup>1</sup> Decrease.

## METROPOLITAN BOSTON.

The data in detail for the industries of the Metropolitan district will be found on pages 31-37 and the totals for the several cities and towns which it embraces are given on pages 38 and 39. Thirty-nine cities and towns are included; the town of Hyde Park, heretofore separately presented, was annexed to Boston at the beginning of 1912, and the returns, therefore, have been included with the totals for that city. The value of goods produced in 1912 for the entire Metropolitan district was \$545,310,724 as against \$502,527,771 in 1911, an increase of upwards of \$42,000,000, or more than eight and one-half per cent. Within this district was produced 34.2 per cent of all the goods manufactured in the entire State in 1912, and while the increase as between 1911 and 1910 was 2.9 per cent, the gain in 1912 as compared with 1911 was nearly three times as great, or 8½ per cent. Since the total increase for the State was,

approximately, \$129,000,000 in 1912 or about nine per cent, it will be seen that the Metropolitan district contributed its proportional share of gain. The city of *Lynn*, coming within this area, and being a principal center for the manufacture of boots and shoes, — together with manufactures of similar product to no inconsiderable amount in Boston, Chelsea, Weymouth, and Braintree, — makes Boots and shoes easily the most important single industry in this district, the total value of such output in 1912 being \$66,735,058. This does not include the auxiliary industries, Boot and shoe cut stock and findings, of which there was an additional product value of \$30,691,053. The total value, therefore, of Boots and shoes, including cut stock and findings, amounted to \$97,426,111, an increase over the total for 1911, \$88,895,063, of nearly 10 per cent. Other important industries showing appreciable increase over 1911 in the Metropolitan district are: *Confectionery, Clothing, Electrical machinery, apparatus, and supplies, Slaughtering and meat packing, Leather, tanned, curried, and finished, and Foundry and machine-shop products.*

All of the cities in the district, with the exception of Chelsea and Quincy, show increase as compared with the preceding year in value of goods produced. The average number of wage-earners employed in the district as a whole increased from 163,488 to 171,272; the total amount paid in wages rose from \$95,871,777 to upwards of \$102,000,000; and the average yearly earnings for 1912 were \$600.33 as against \$586.41 in 1911.

The principal facts for the Metropolitan district for the years 1910, 1911, and 1912 are brought together in the following table:

|  | 1912          | 1911          | 1910          |
|--|---------------|---------------|---------------|
| <i>Number of Establishments, . . . . .</i>                         | 3,507         | 3,375         | 3,338         |
| <i>Total Amount of Capital Invested, . . . .</i>                   | \$354,153,062 | \$338,389,774 | \$328,720,444 |
| <i>Total Value of Manufactured Product, . . .</i>                  | \$545,310,724 | \$502,527,771 | \$488,497,178 |
| <i>Total Value of Stock Used, . . . . .</i>                        | \$320,468,150 | \$294,046,863 | \$292,089,566 |
| <i>Total Amount of Wages Paid in Manufacturing Establishments.</i> | \$102,820,146 | \$95,871,777  | \$92,453,169  |
| <i>Average Number of Wage-Earners, . . . .</i>                     | 171,272       | 163,488       | 160,797       |

## THE TOWNS.

The total value of goods produced in the towns, somewhat more than one-fourth of the total product of the State, was \$433,267,819 in 1912 as against \$405,828,455 in 1911, an increase of 6.8 per cent. The town of *Peabody*, first in the State in the manufacture of leather, increased its product value from \$16,171,089 in 1911 to \$19,465,879 in 1912. The towns of *Attleborough* and *North Attleborough*, engaged principally in the manufacture of jewelry, had a combined product of \$23,135,789, a slight increase being shown for Attleborough, while North Attleborough showed a slight decline. In *Watertown*, the value of goods produced was \$14,418,766 in 1912, and \$14,865,362 in 1911. *Framingham* increased her product value from \$7,125,129 in 1911 to \$8,518,687 in 1912. Substantial increases are also shown for the towns of *Leominster* and *Walpole*, and for the boot and shoe towns of *Weymouth*, *Rockland*, *Bridgewater*, *Braintree*, and *Hudson*, as well as for the textile towns *Plymouth* and *Methuen*.

## CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

The table on pages 48-51 relates to the character of ownership, or the organization of the different manufacturing enterprises. They are classified under three principal forms, — individual, firm, and corporation, with occasional voluntary and co-operative associations. From the totals for All Industries, the importance of the corporate form of industrial organization is at once apparent. Of the total product in 1912, \$1,596,734,445, \$1,289,282,498, or, approximately, 81 per cent was turned out by corporations; a little over 10 per cent by private firms; eight per cent by individuals; and less than one per cent by other forms of ownership. Some of the leading industries show somewhat different percentages. *Boots and shoes*, exclusive of cut stock and findings, had 72 per cent of its goods produced in establishments operated by corporations and a similar percentage of its wage-earners were employed in such establishments; the product turned out by private firms amounted to 19 per cent, while somewhat over nine per cent of the product and of the wage-earners, respectively, were represented by individual own-

ership. In *Men's clothing*, we have the following percentages for value of goods produced: Corporations, 63 per cent; firms, 21 per cent; and individuals, 16 per cent; while the percentages for *Women's clothing* were: 35 per cent under corporate management, 37 per cent in the hands of private firms, and 28 per cent for individuals, with similar percentages for the average number of wage-earners employed, — 37, 36, and 27, respectively.

The percentages for *Cotton goods*, including cotton small wares, and for *Electrical machinery, apparatus, and supplies*, are very similar, less than three per cent being produced under individual or firm ownership, and upwards of 97 per cent being produced in establishments operated by corporations.

In *Woolen, worsted, and felt goods, and wool hats*, the percentage of the product turned out by corporations was, approximately, 88; eight per cent by private firms, and four per cent by individuals; and in *Foundry and machine-shop products*, we have the proportion of goods made by corporations, 89 per cent; firms, four per cent; and individuals, seven per cent.

The last column of the table on pages 48–51 gives the value added by manufacture. This is obtained by deducting the cost of materials used from the gross product, the remainder representing the value created by the manufacturing processes within the several industries. In other words, it represents the net increase in wealth and brings out significant facts as to the relative importance of the industries. To take extreme examples, the gross value of product in the industry Foundry and machine shops in 1912 was \$89,270,280, and the cost of materials, \$33,222,139; subtracting these figures, we have a value added by manufacture of \$56,048,141, or approximately 63 per cent of the gross value. On the other hand, in the slaughtering and meat packing industries, the gross value of product was \$50,637,311; the value of materials, \$44,644,921; subtracting these figures, we have a value added by manufacture of only \$5,992,390, or a net increase of about 12 per cent. Since the cost of materials and the added value are the complements of each other, it follows that wherever the cost of stock is relatively the more important item, added value correspondingly diminishes.

## NUMBER OF WAGE-EARNERS AND EMPLOYMENT BY MONTHS.

The average number of wage-earners employed each month, by industries, is shown in the table on pages 52-79. For All Industries, the range from lowest to highest average per month was from 590,366 to 632,739. For the first four months of 1912, there was more or less irregularity, and the maximum for the first half-year was reached in June. There was an appreciable drop for the months of July and August, during the dull season and summer vacations, and then the averages rise again, month by month, from 613,188 in September, to 632,739, the highest level for the year, in the month of December.

The individual industries are perhaps more significant than the totals for All Industries. In *Boots and shoes*, exclusive of cut stock and findings, the first quarter of the year, January to March, inclusive, was apparently the period of greatest employment, the averages for these months being somewhat higher than for the three months at the end of the year, October, November, and December, and there being no material variation during the months from April to September. The number of males and females in this industry was practically as two to one, — 65 per cent of the operatives being men and 35 per cent women. The average number of employees for the year, as shown in the first column of the table, was 81,962.

In *Cotton goods*, the period of greatest employment was the last four months of the year, the maximum being reached in the month of December, when 115,932 wage-earners were employed. The minimum for the year, an average of 105,064, occurs in the month of August. In this industry, 54 per cent of the employees were males and 46 per cent females.

In *Leather, tanned, curried, and finished*, the minimum is shown for the month of May, an average of 11,017 wage-earners being employed; from that time to the end of the year, employment increased month by month, with the single exception of the month of September, when the average number employed was slightly less than in the month preceding. In the entire industry for the year, however, the greatest fluctuation from the maximum was about eight and one-half per cent.

In *Paper and wood pulp*, no great variation appears from month to month, but the increase in the number of wage-earners from June to December as compared with the first five months of the year may be noted. The fluctuation in this industry was not over five per cent from the maximum in any one month.

The greatest fluctuation in employment among the principal industries is shown for *Woolen and worsted goods*. This was due in large measure to the strike in the textile industry in Lawrence, during the months of January, February, and March, 1912. The average number of wage-earners as reported for the 167 establishments in this industry was 53,697 for the year. There was a sharp drop to 41,758 in February and then apparent recovery during the month of March, when 48,670 were employed. From that time there was a rapid increase in number of wage-earners employed, 55,554 in April, which number was sustained or exceeded in each of the following months, until the end of the year. The maximum was reached in the month of November, 57,768, and the variation between the maximum and minimum averages was from 41,758 in February to 57,768 in November, a range of 16,010, or 38 per cent.

Data of special interest are given in Table IV, on pages 80-83. The figures therein are not averages but represent the actual number of wage-earners in manufacturing industries on the 14th day of December, 1912. They are further differentiated so as to show the number of males and females over and under 18 years of age. In both years, December was the month of maximum employment, 599,982 in 1911 and 632,739 in 1912, but the number of wage-earners on December 14, 1912, exceeded that of the corresponding date in 1911 by 38,487, or six per cent. There were, respectively, seven and five per cent more adult males and females, and seven and nine per cent, respectively, more males and females under 18 years of age. In *Boots and shoes*, exclusive of cut stock and findings, on December 14th, there were 85,308 wage-earners employed, of whom 6,460, or approximately eight per cent, were under 18 years of age, about equally divided between males and females. In *Cotton goods*, including cotton small wares, on December 14,



1912, there were 118,798 wage-earners, — higher than the average for that industry, shown in Table I to be 112,384, and higher than the number for the corresponding day in 1911 (112,297) by 6,501 persons, or, approximately, six per cent. Of the total number of wage-earners in this industry upwards of 12 per cent, 14,834, were young persons under 18 years of age, 6,594, or 44 per cent, of whom were males and 8,240, or 56 per cent, females, while of the adults, 55 per cent were males and 45 per cent females. *Woolen and worsted goods*, on December 14, 1912, employed 56,400 wage-earners, an increase over the corresponding day in 1911 of 5,004, or nearly ten per cent. As in *Cotton goods*, about 12 per cent of the total were young persons under 18 years of age. These two industries together had more than one-fourth (27.4 per cent) of all the wage-earners engaged in manufacturing industries in the State on December 14, 1912. The industry *Foundry and machine-shop products* presents very different proportions, the representation of young persons being only 1,614 out of a total of 40,362, or about four per cent. *Paper and wood pulp* had even fewer, 481 out of a total of 14,409, or a little over three per cent young persons, and *Leather, tanned, curried, and finished*, 188 out of a total of 12,093, or less than two per cent young persons. Industries showing a large proportion of young persons are: *Confectionery, Electrical machinery, apparatus, and supplies, Hosiery and knit goods, and Silk and silk goods, including throwsters.*

#### CLASSIFIED WEEKLY WAGES AND AVERAGE YEARLY EARNINGS.

The table on pages 84-122 shows the weekly rates of wages paid to 681,383 wage-earners, the data being given for *the week of greatest employment*. The figures for All Industries and for the five principal industries, with percentages, are brought together in the following table:

## All Industries.

| SEX AND AGE.                                     | Agro-<br>gates | Under<br>\$5 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
|--|----------------|--------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |                |              |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                     |
| TOTALS, . . . . .                                | 681,853        | 2,366        | 5,792                      | 16,909                     | 34,070                     | 52,804                     | 63,879                     | 66,787                     | 75,006                      | 102,180                      | 107,677                      | 104,585                      | 39,536                       | 14,112                       |                              |                     |
| Per cent, . . . . .                              | 100            | 0.3          | 0.8                        | 2.5                        | 5.0                        | 7.7                        | 9.4                        | 10.1                       | 11.0                        | 15.1                         | 15.8                         | 15.3                         | 4.8                          | 2.1                          |                              |                     |
| Males (18 years and over), . . . . .             | 436,876        | 532          | 667                        | 1,896                      | 3,096                      | 12,093                     | 23,618                     | 34,050                     | 47,539                      | 73,799                       | 92,641                       | 96,839                       | 31,416                       | 13,870                       |                              |                     |
| Per cent, . . . . .                              | 100            | 0.1          | 0.3                        | 0.4                        | 1.3                        | 2.8                        | 5.4                        | 7.9                        | 10.9                        | 16.9                         | 21.2                         | 22.6                         | 7.2                          | 3.2                          |                              |                     |
| Females (18 years and over), . . . . .           | 188,067        | 883          | 2,061                      | 5,563                      | 14,152                     | 26,419                     | 31,912                     | 29,877                     | 26,392                      | 28,245                       | 14,670                       | 5,686                        | 1,115                        | 242                          |                              |                     |
| Per cent, . . . . .                              | 100            | 0.5          | 1.1                        | 3.0                        | 7.6                        | 14.2                       | 17.1                       | 16.1                       | 13.6                        | 15.2                         | 7.9                          | 3.0                          | 0.6                          | 0.1                          |                              |                     |
| Young persons (under 18 years of age), . . . . . | 58,740         | 851          | 3,074                      | 9,510                      | 14,322                     | 14,092                     | 8,249                      | 4,260                      | 2,185                       | 1,116                        | 386                          | 110                          | 5                            | -                            |                              |                     |
| Per cent, . . . . .                              | 100            | 1.5          | 5.3                        | 16.3                       | 26.2                       | 24.0                       | 14.2                       | 7.3                        | 3.7                         | 1.9                          | 0.6                          | 0.2                          | 1-                           |                              |                              |                     |

## Boots and Shoes (Exclusive of Out Stock and Findings).

| SEX AND AGE.                                     | Agro-<br>gates | Under<br>\$5 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
|--|----------------|--------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |                |              |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                     |
| TOTALS, . . . . .                                | 93,452         | 560          | 723                        | 1,800                      | 3,219                      | 5,109                      | 6,781                      | 6,163                      | 8,310                       | 13,202                       | 16,797                       | 19,554                       | 7,921                        | 4,203                        |                              |                     |
| Per cent, . . . . .                              | 100            | 0.6          | 0.8                        | 1.9                        | 3.4                        | 5.5                        | 6.9                        | 6.6                        | 8.9                         | 14.1                         | 18.0                         | 20.9                         | 8.5                          | 4.6                          |                              |                     |
| Males (18 years and over), . . . . .             | 55,715         | 160          | 122                        | 268                        | 641                        | 1,158                      | 1,791                      | 2,276                      | 3,476                       | 6,765                        | 11,180                       | 16,368                       | 7,322                        | 4,222                        |                              |                     |
| Per cent, . . . . .                              | 100            | 0.3          | 0.3                        | 0.5                        | 1.3                        | 2.1                        | 3.2                        | 4.1                        | 6.2                         | 12.1                         | 20.0                         | 29.4                         | 13.1                         | 7.6                          |                              |                     |
| Females (18 years and over), . . . . .           | 30,266         | 172          | 245                        | 576                        | 1,016                      | 2,187                      | 2,865                      | 3,329                      | 4,409                       | 6,216                        | 5,645                        | 3,140                        | 595                          | 81                           |                              |                     |
| Per cent, . . . . .                              | 100            | 0.6          | 0.8                        | 1.9                        | 3.3                        | 7.2                        | 9.4                        | 11.0                       | 14.5                        | 20.5                         | 18.3                         | 10.3                         | 1.9                          | 0.3                          |                              |                     |
| Young persons (under 18 years of age), . . . . . | 7,371          | 228          | 366                        | 936                        | 1,562                      | 1,764                      | 1,135                      | 566                        | 425                         | 221                          | 122                          | 52                           | 4                            | -                            |                              |                     |
| Per cent, . . . . .                              | 100            | 3.1          | 5.0                        | 12.7                       | 21.2                       | 23.9                       | 15.4                       | 7.6                        | 5.8                         | 3.0                          | 1.6                          | 0.7                          | 0.1                          | -                            |                              |                     |

1 Less than one-tenth of one per cent.



## Paper and Wood Pulp.

|  |        |     |     |     |      |       |      |       |       |       |       |       |     |     |
|--|--------|-----|-----|-----|------|-------|------|-------|-------|-------|-------|-------|-----|-----|
| TOTALS, . . . . .                                | 15,003 | 80  | 32  | 94  | 352  | 2,000 | 933  | 1,325 | 2,365 | 3,373 | 2,365 | 1,602 | 431 | 152 |
| Per cent., . . . . .                             | 100    | 0.8 | 0.8 | 0.6 | 2.4  | 13.3  | 6.2  | 8.9   | 15.8  | 22.5  | 15.1  | 11.3  | 3.3 | 1.0 |
| Males (18 years and over), . . . . .             | 9,961  | 11  | 3   | 6   | 13   | 23    | 51   | 130   | 1,971 | 3,216 | 2,223 | 1,681 | 431 | 152 |
| Per cent., . . . . .                             | 100    | 0.1 | 0.1 | 0.1 | 0.1  | 0.8   | 0.6  | 1.5   | 19.8  | 32.3  | 22.3  | 16.9  | 4.8 | 1.5 |
| Females (18 years and over), . . . . .           | 4,853  | 14  | 19  | 64  | 271  | 1,794 | 815  | 1,038 | 352   | 145   | 39    | 11    | -   | -   |
| Per cent., . . . . .                             | 100    | 0.3 | 0.4 | 1.4 | 5.9  | 39.3  | 17.8 | 23.1  | 7.7   | 3.3   | 0.8   | 0.9   | -   | -   |
| Young persons (under 18 years of age), . . . . . | 400    | 5   | 10  | 24  | 68   | 183   | 66   | 47    | 43    | 12    | 3     | -     | -   | -   |
| Per cent., . . . . .                             | 100    | 1.1 | 2.8 | 5.8 | 14.8 | 39.8  | 14.8 | 10.9  | 9.1   | 3.6   | 0.7   | -     | -   | -   |

## Woolen, Worsted, and Felt Goods, and Wool Hats.

|  |        |     |     |     |       |       |       |       |       |       |       |       |     |     |
|--|--------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| TOTALS, . . . . .                                | 61,470 | 118 | 209 | 610 | 2,406 | 6,531 | 9,397 | 9,647 | 6,964 | 9,308 | 9,516 | 5,522 | 799 | 354 |
| Per cent., . . . . .                             | 100    | 0.9 | 0.8 | 1.0 | 4.1   | 10.6  | 15.3  | 15.7  | 11.3  | 15.1  | 15.6  | 9.0   | 1.3 | 0.6 |
| Males (18 years and over), . . . . .             | 33,839 | 78  | 27  | 51  | 221   | 1,144 | 3,031 | 5,678 | 4,536 | 5,731 | 7,376 | 4,924 | 743 | 354 |
| Per cent., . . . . .                             | 100    | 0.8 | 0.1 | 0.1 | 0.7   | 3.4   | 8.9   | 16.8  | 13.4  | 16.9  | 21.8  | 14.6  | 3.3 | 1.0 |
| Females (18 years and over), . . . . .           | 20,705 | 22  | 49  | 135 | 745   | 3,967 | 5,002 | 3,392 | 2,223 | 3,434 | 2,068 | 587   | 51  | -   |
| Per cent., . . . . .                             | 100    | 0.1 | 0.8 | 0.7 | 3.6   | 14.3  | 24.8  | 16.4  | 10.7  | 16.6  | 10.1  | 2.8   | 0.3 | -   |
| Young persons (under 18 years of age), . . . . . | 6,876  | 18  | 133 | 424 | 1,539 | 2,420 | 1,374 | 577   | 205   | 143   | 42    | 11    | -   | -   |
| Per cent., . . . . .                             | 100    | 0.3 | 1.9 | 6.8 | 23.3  | 35.3  | 30.0  | 8.4   | 3.0   | 3.1   | 0.6   | 0.1   | -   | -   |

1 Less than one-tenth of one per cent.

The figures for All Industries include 436,576, or 64 per cent adult males, 186,067, or 27 per cent adult females, and 58,740, or about nine per cent young persons of either sex, under 18 years of age. Confining our attention to the column of totals, it will be noted that the median, or middle point in the series, falls at the 340,691st wage-earner. The classes between "Under \$3," etc., up to \$10 per week aggregate 319,313 wage-earners. The wage-earner holding the middle position, therefore, is some 20,000 farther on, or, in the wage class "\$10 but under \$12." This corresponds, not too roughly, with the figure for average yearly earnings for All Industries, as given in Table I, which shows that for all employees, regardless of sex, age, or skill, the average earnings for the year were \$551.36, or \$10.60 per week. These two conclusions are arrived at by quite different processes, one being a simple observation from the rates paid during the week of greatest employment, and the other calculated from the average number of wage-earners and the total of the pay-rolls for the year as reported by the manufacturers.

The figures in italics give the percentages in each wage class, the totals for males, females, and young persons, respectively, representing 100 per cent. These classes may be conveniently divided into three groups, — high, medium, and low, the low wage group including all those receiving less than \$8, the medium wage group, those receiving \$8 but under \$15, and the high wage group, those receiving \$15 and over.

Of the *adult male* wage-earners, 43,832, or about 10 per cent, received less than \$8 per week; 248,619, or somewhat more than one-half (57 per cent) were paid rates varying from \$8 to \$15, and the remainder, 144,125, or 33 per cent, were paid at rates of \$15 per week and upwards. Of the *adult female* wage-earners in All Industries, 80,990, or about 43 per cent were paid less than \$8 per week; 98,084, or over one-half (53 per cent), were paid \$8 but under \$15, and 6,993, or approximately four per cent, were paid \$15 and over. Of the *young persons* of both sexes under 18 years of age, by far the larger proportion will be found in the low wage group, 50,698, or about 86 per cent receiving less than \$8 per week, the rates most frequently recurring being \$5 but under \$6, and \$6 but under \$7.

In *Boots and shoes*, exclusive of cut stock and findings, we find that 4,160 *adult males*, or approximately eight per cent, were in the low wage group; 23,649, or upwards of 42 per cent, were paid at rates ranging from \$8 to \$15; and 27,906, or about 50 per cent, were in the high wage group, \$15 to \$25 and over. Of the *adult female* wage-earners in this industry, 7,051, or more than 23 per cent, were paid less than \$8 per week; nearly two-thirds, 19,499 persons, or 64 per cent, were found in the medium wage group, and in the high wage group there were 3,816 wage-earners, or 13 per cent. For young persons under 18 years of age, the wages most constantly recurring are in the classes \$6 but under \$7 and \$5 but under \$6.

In *Cotton goods*, including cotton small wares, we find 16,512 adult males, or about 28 per cent of the total, in the low wage group. In the medium wage group, there were 36,028, or more than 61 per cent of the adult males, and in the high wage classes, 6,213, or about 11 per cent of the adult males. Of the adult females, 20,509, or about 43 per cent, were in the low wage group; 26,748, or 56 per cent, were in the medium wage classes, and less than one per cent in the high wage group. Of the young persons, about 84 per cent were in the low wage group, the classes containing the greatest numbers being \$6 but under \$7, \$5 but under \$6, and \$7 but under \$8, respectively.

In *Leather, tanned, curried, and finished*, 882 adult males, or seven per cent, received less than \$8 per week. The greater part of the operatives are found in the medium wage classes \$8 to \$15, the total in these classes being 8,877, or about 71 per cent of the adult males in this industry. In the high wage classes, 2,795 wage workers, or upwards of 22 per cent, are shown. In this industry, females and young persons are not represented to any considerable extent.

In *Paper and wood pulp*, only a small percentage of the adult males received less than \$8 per week, — 107 operatives, or slightly over one per cent; in the medium wage group 76 per cent, or more than three-fourths of the adult male wage-earners, appear, the remaining 2,314 (23 per cent) being paid at rates of \$15 per week and over. For adult females in this industry the wage rates most frequently recurring are \$6 but under \$7

and \$8 but under \$9, and the number of young persons formed only about three per cent of the total.

In *Woolen, worsted, and felt goods, and wool hats*, somewhat more than 13 per cent of the adult male wage-earners (4,542) received less than \$8 per week; 23,321, or upwards of two-thirds (69 per cent), were in the medium wage classes, while the high wage group had 6,026, or about 18 per cent of the operatives. In this industry, 8,920 adult females, or 43 per cent, were in wage classes receiving less than \$8 per week; 11,147, or about 54 per cent, were in the medium wage group, and 638, or somewhat over three per cent, in the high wage group. This industry employs a comparatively large proportion of young persons, a total of 6,876. Of these, the largest number appearing in any single group, 2,420, is found in the class \$6 but under \$7, although the wage classes \$5 but under \$6 and \$7 but under \$8 have 1,529 and 1,374, respectively. There were 967 in the medium wage group, and the number of young persons in the high wage group is negligible.

The *average yearly earnings* for all wage-earners without regard to sex, age, or skill, as obtained from a division of the total amount paid in wages, \$335,553,704, and the average number of wage-earners, 608,590, was \$551.36, or, as has been stated, about \$10.60 per week. Many of the industries, however, show higher average earnings than are shown for the State as a whole. Among those of importance, inasmuch as they involve large numbers of wage-earners, are: *Boots and shoes*, exclusive of cut stock and findings, \$605.11; *Foundry and machine-shop products*, \$665.49; *Leather, tanned, curried, and finished*, \$582.60; *Paper and wood pulp*, \$552.78; and *Electrical machinery, apparatus, and supplies*, \$622.43. Of the textile industries, *Cotton goods* shows average yearly earnings of \$435.65, and *Woolen and worsted goods*, \$489.78. Other industries having a relatively large number of wage-earners and high average earnings are: *Liquors*, *Malt*, \$936.74; *Automobiles, including bodies and parts*, \$773.26; *Musical instruments, pianos and organs, and materials*, \$643.43; *Monuments and tombstones*, \$790.17; *Printing and publishing*, \$674.25; *Silverware and plated ware*, \$707.29; *Stoves and furnaces, not including gas and oil stoves*, \$812.52; *Tobacco manufactures*, \$754.54, and *Wire*, \$706.49. The

average yearly earnings range from \$363.03, in *Confectionery*, to \$936.74, in *Liquors, Malt*.

Nearly all of the cities show higher average yearly earnings than are shown for the State as a whole. *Brockton*, whose chief industry is the manufacture of boots and shoes, shows an average of \$639; *Lynn*, \$632; *Haverhill*, \$612; *Boston*, with a wide range of miscellaneous manufactures, shows average yearly earnings of \$603; *Worcester*, \$604; *Quincy*, \$677; *Springfield*, \$632; and *Pittsfield*, \$645. Of the textile cities, *Fall River* shows average yearly earnings of \$427; *Lowell*, \$445; *New Bedford*, \$484; and *Lawrence*, \$475. The high average earnings are, of course, to be found in industries employing males principally, and the lower average earnings in industries which employ a large proportion of women and young persons.

#### DAYS IN OPERATION.

The average number of days in operation is shown in the table on pages 123-126. The total number of working days, exclusive of Sundays and holidays, was 304 in 1911 and 306 in 1912. For All Industries, the establishments were run during 1912 for an average of 291.8 days as against 282.5 in 1911. Employment was, therefore, appreciably better in 1912, since there was little over two weeks' lost time as against nearly four weeks in the preceding twelve months. In the principal industries, we find average running time as follows: *Boots and shoes*, exclusive of cut stock and findings, 282 days; *Cotton goods*, 285; *Foundry and machine-shop products*, 305; *Leather, tanned, curried, and finished*, 291; *Paper and wood pulp*, 275; and *Woolen and worsted goods*, 287 days. The range for the industries shown in the table was from 171 days in *Brick and tile* to 309 days in *Cars and general shop construction and repairs by steam-railroad companies*.

Among the principal cities of the State we have the following: The establishments in *Boston* exhibit running time of 292 days; *Cambridge*, 295; *Worcester*, 297; *Fall River*, 296; *Lowell*, 295; *Lawrence* and *New Bedford*, 294, respectively; *Brockton*, 290; *Haverhill*, 295, and *Lynn*, 289.



## CONCLUSION.

All things considered, the conclusion seems to be warranted by the data of this report that the period covered by it, namely, approximately the calendar year 1912, was generally a good business year. The recovery from the conditions following the financial disturbances of the latter part of 1907 have been gradual and somewhat uncertain up to this time, but the great and very marked increase in the product value of manufactures for 1912 over the preceding year would seem to indicate that the trend had again taken a definite upward direction. To what extent this movement may suffer a temporary check, especially in the textile industries, by virtue of a shortage in the cotton crop, the necessity of readjusting wages to meet the requirements of minimum wage systems, and other conditions necessitated by legislative enactments cannot, of course, be precisely foretold; but one cannot avoid the conviction, in the presence of these figures, that the great industries which have given Massachusetts a foremost place in the economic history of the nation still rest upon a fundamentally sound basis and that, with public opinion in other states constantly pressing for a standardizing of industrial legislation which must eventually measure up to our own requirements, she will not fail to maintain her position as one of the great wealth producing commonwealths of the nation.

CHARLES F. GETTEMY,

*Director, Bureau of Statistics.*

STATE HOUSE, BOSTON, December 1, 1913.





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**TABULAR PRESENTATIONS.**  
**1912.**

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TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912.

## A. THE STATE: BY INDUSTRIES.

| Industries.                                | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested    | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |                |                    |                    | Value of<br>Product    |
|--|--|------------------------|---|--|-------------------------------|-----------------------|----------------|--------------------|--------------------|------------------------|
|  |  |                        |   |  |                               | Average Number        |                | Smallest<br>Number | Greatest<br>Number |                        |
|  |  |                        |   |  |                               | Males                 | Females        |                    |                    |                        |
| <b>THE STATE.</b>                          | <b>8,371</b>                               | <b>\$1,308,913,171</b> | <b>\$329,304,822</b>                          | <b>\$335,553,704</b>                             | <b>\$551.35</b>               | <b>415,982</b>        | <b>132,608</b> | <b>608,590</b>     | <b>691,077</b>     | <b>\$1,596,734,445</b> |
| Agricultural implements, . . . . .         | 5  | 1,052,086              | 480,762                                       | 264,714  | 611.35                        | 433                   | -              | 433                | 531                | 942,730                |
| Artificial stone, . . . . .                | 20   | 484,018                | 136,009                                       | 190,753  | 745.13                        | 256                   | -              | 256                | 334                | 407,541                |
| Automobiles, including bodies and parts, . | 57   | 8,890,899              | 4,130,059                                     | 2,825,495  | 773.26                        | 3,615                 | 39             | 3,654              | 4,989              | 9,649,269              |
| Awnings, tents, and sails, . . . . .       | 40   | 395,743                | 514,498                                       | 243,561  | 635.93                        | 262                   | 121            | 383                | 549                | 1,025,698              |
| Baskets, and rattan and willow ware, .     | 14   | 239,346                | 123,224                                       | 101,628  | 510.69                        | 193                   | 6              | 199                | 217                | 333,281                |
| Belting and hose, leather, . . . . .       | 15   | 4,749,894              | 4,412,384                                     | 697,468  | 600.23                        | 1,116                 | 46             | 1,162              | 1,267              | 6,525,948              |
| Belting and hose, woven, . . . . .         | 7  | 764,651                | 581,572                                       | 98,568   | 541.58                        | 99                    | 83             | 182                | 218                | 867,803                |
| Bicycles, motorcycles, and parts, .        | 5  | 3,621,934              | 2,820,968                                     | 1,195,445  | 773.25                        | 1,542                 | 4              | 1,546              | 1,795              | 5,785,076              |
| Billiard tables and materials, . . . . .   | 5  | 110,408                | 69,111  | 22,091   | 818.19                        | 27                    | -              | 27                 | 33                 | 126,968                |
| Blacking, . . . . .                        | 50   | 1,328,031              | 1,794,965                                     | 264,921  | 511.43                        | 227                   | 291            | 518                | 595                | 3,490,267              |
| Bookbinding and blank-book making, .       | 48   | 2,521,228              | 1,385,874                                     | 1,263,369  | 543.85                        | 1,211                 | 1,112          | 2,323              | 2,594              | 3,712,011              |
| Boot and shoe cut stock and findings, .    | 366  | 18,827,261             | 41,347,678                                    | 4,301,517  | 496.94                        | 6,116                 | 2,540          | 8,656              | 10,371             | 52,149,427             |
| Boots and shoes, . . . . .                 | 460  | 87,148,975             | 125,689,585                                   | 49,596,284                                       | 605.11                        | 53,336                | 28,626         | 81,962             | 95,067             | 209,489,037            |
| Boots and shoes, rubber, . . . . .         | 8  | 18,479,654             | 13,066,342                                    | 4,575,510  | 531.67                        | 5,150                 | 3,456          | 8,606              | 9,347              | 25,320,668             |
| Boxes, cigar, . . . . .                    | 4  | 200,552                | 146,232                                       | 82,509   | 500.05                        | 81                    | 84             | 165                | 172                | 289,994                |
| Boxes, fancy and paper, . . . . .          | 95   | 3,721,210              | 3,087,662                                     | 1,844,745  | 440.69                        | 1,419                 | 2,767          | 4,186              | 4,828              | 6,710,376              |
| Boxes, wooden packing, . . . . .           | 103  | 6,267,096              | 5,615,690                                     | 1,065,946  | 525.51                        | 3,376                 | 346            | 3,722              | 4,156              | 9,202,327              |

|  |     |            |            |           |        |       |       |       |       |       |            |
|--|-----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Bells and bronze products, . . . . .   | 69  | 5,570,922  | 5,293,504  | 1,454,068 | 683.54 | 2,152 | 40    | 2,192 | 1,918 | 2,462 | 8,281,192  |
| Bread and other bakery products, . . . . .   | 823 | 8,647,240  | 15,754,387 | 4,000,297 | 532.45 | 5,448 | 1,420 | 6,868 | 6,213 | 7,389 | 28,470,592 |
| Brick and tile, . . . . .  | 43  | 1,612,214  | 275,384    | 439,472   | 536.11 | 913   | -     | 913   | 245   | 1,713 | 1,099,531  |
| Brooms, . . . . .  | 21  | 188,812    | 263,956    | 58,613    | 500.97 | 109   | 8     | 117   | 99    | 128   | 398,421    |
| Brushes, . . . . .   | 28  | 2,390,915  | 1,674,228  | 681,197   | 423.89 | 651   | 956   | 1,607 | 1,419 | 1,903 | 3,025,795  |
| Butter, . . . . .  | 18  | 114,156    | 736,167    | 25,466    | 592.23 | 43    | -     | 43    | 41    | 45    | 808,894    |
| Buttons, . . . . .   | 8   | 1,070,507  | 439,646    | 317,052   | 458.17 | 328   | 264   | 662   | 544   | 865   | 1,072,632  |
| Canning and preserving, . . . . .  | 55  | 4,060,137  | 5,193,040  | 744,966   | 460.71 | 1,192 | 425   | 1,617 | 1,302 | 2,124 | 7,135,828  |
| Card cutting and designing, . . . . .  | 4   | 110,373    | 36,078     | 24,403    | 460.43 | 27    | 26    | 53    | 38    | 73    | 95,905     |
| Carpets and rugs, other than rag, . . . . .  | 10  | 14,172,521 | 8,727,401  | 2,913,949 | 499.05 | 3,235 | 2,604 | 5,839 | 5,423 | 6,153 | 13,635,517 |
| Carpets, rag, . . . . .  | 17  | 47,938     | 12,323     | 41,594    | 467.35 | 77    | 12    | 89    | 67    | 105   | 120,461    |
| Carrages and sleds, children's, . . . . .  | 5   | 1,240,241  | 1,015,011  | 442,373   | 546.81 | 665   | 124   | 909   | 504   | 1,015 | 1,935,673  |
| Carriages and wagons and materials, . . . . .  | 85  | 2,092,909  | 980,018    | 708,070   | 700.79 | 1,091 | 5     | 1,096 | 921   | 1,279 | 2,289,455  |
| Cars and general shop construction and re-<br>pairs by steam-railroad companies, . . . . . | 21  | 5,887,189  | 4,477,461  | 4,189,775 | 752.34 | 5,546 | 23    | 5,569 | 5,227 | 6,024 | 8,667,236  |
| Chemicals, . . . . .   | 19  | 6,503,713  | 3,589,442  | 981,376   | 655.04 | 1,228 | 87    | 1,315 | 1,148 | 1,462 | 7,092,248  |
| Cleansing and polishing preparations, . . . . .  | 15  | 193,576    | 241,010    | 34,801    | 497.16 | 43    | 27    | 70    | 54    | 80    | 479,298    |
| Clocks, . . . . .  | 7   | 686,416    | 137,945    | 203,759   | 730.32 | 243   | 36    | 279   | 252   | 300   | 486,000    |
| Cloth sponging and refinishing, . . . . .  | 3   | 26,300     | 3,600      | 29,250    | 680.23 | 43    | -     | 43    | 41    | 48    | 61,200     |
| Clothing, men's, . . . . .   | 193 | 8,784,323  | 10,121,480 | 3,246,573 | 552.80 | 2,813 | 3,060 | 5,373 | 5,094 | 6,862 | 18,627,311 |
| Clothing, women's, . . . . .   | 173 | 4,530,960  | 6,646,478  | 2,723,954 | 480.08 | 1,382 | 4,292 | 5,674 | 4,259 | 6,899 | 12,543,548 |
| Coffee and spice, roasting and grinding, . . . . .   | 16  | 2,735,778  | 6,120,307  | 230,698   | 599.22 | 239   | 146   | 385   | 359   | 420   | 7,204,100  |
| Coffins, burial cases, and undertakers'<br>goods, . . . . .                                | 12  | 1,084,178  | 423,729    | 222,645   | 600.12 | 326   | 45    | 371   | 345   | 399   | 992,646    |
| Combs and hairpins, . . . . .  | 37  | 1,887,400  | 1,945,251  | 1,046,694 | 458.20 | 1,575 | 569   | 2,144 | 1,536 | 2,802 | 3,464,492  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |              | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |              |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |              |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |              |                     |
| The State — Continued.  |  |                     |   |  |                               |                       |         |                    |                    |              |                     |
| Confectionery, . . . . .                                      | 116  | \$9,725,984         | \$12,337,858                                  | \$2,466,409                                      | \$363.03                      | 1,766                 | 5,028   | 6,794              | 8,580              | \$18,906,800 |                     |
| Cooperage, . . . . .  | 34   | 1,495,032           | 1,061,399                                     | 447,365  | 575.02                        | 770                   | 8       | 778                | 866                | 1,730,319    |                     |
| Copper, tin, and sheet-iron products, . . . . .               | 118  | 3,869,265           | 3,223,623                                     | 1,538,784  | 594.58                        | 2,273                 | 315     | 2,588              | 2,994              | 6,562,149    |                     |
| Cordage and twine, . . . . .                                  | 16   | 8,410,001           | 7,507,767                                     | 1,083,486  | 423.24                        | 2,029                 | 531     | 2,560              | 2,327              | 10,089,170   |                     |
| Cordials and sirups, . . . . .                                | 7  | 286,298             | 394,817                                       | 48,102   | 517.23                        | 52                    | 41      | 93                 | 68                 | 612,126      |                     |
| Corsets, . . . . .  | 11   | 2,608,464           | 2,366,064                                     | 1,083,812  | 385.29                        | 285                   | 2,528   | 2,813              | 2,520              | 5,242,233    |                     |
| Cotton goods, . . . . .                                       | 168  | 251,223,331         | 114,131,796                                   | 48,541,113                                       | 435.65                        | 60,173                | 51,248  | 111,421            | 91,213             | 120,459      |                     |
| Cotton small wares, . . . . .                                 | 25   | 1,760,909           | 947,655                                       | 402,615  | 418.08                        | 416                   | 547     | 963                | 806                | 1,072        |                     |
| Cutlery and tools, not elsewhere specified, . . . . .         | 135  | 16,564,636          | 3,317,396                                     | 4,115,878  | 615.96                        | 5,968                 | 714     | 6,682              | 5,924              | 7,569        |                     |
| Dairymen's, poulterers', and apiarists' supplies, . . . . .   | 5  | 72,886              | 43,490  | 12,559   | 447.82                        | 22                    | 6       | 28                 | 19                 | 35           |                     |
| Dentists' materials, . . . . .                                | 7  | 86,747              | 457,097                                       | 38,966   | 638.79                        | 36                    | 25      | 61                 | 58                 | 67           |                     |
| Dyeing and finishing textiles, . . . . .                      | 50   | 30,884,022          | 12,220,726                                    | 5,430,122  | 506.82                        | 8,493                 | 2,221   | 10,714             | 9,614              | 11,944       |                     |
| Dyestuffs and extracts, . . . . .                             | 13   | 608,719             | 881,673                                       | 71,293   | 636.54                        | 112                   | -       | 112                | 96                 | 136          |                     |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . . | 78   | 28,737,584          | 22,314,895                                    | 12,645,825                                       | 622.43                        | 16,270                | 4,047   | 20,317             | 17,921             | 22,676       |                     |
| Electroplating, . . . . .                                     | 34   | 183,763             | 96,999  | 154,472  | 674.55                        | 215                   | 14      | 229                | 192                | 272          |                     |

|   |     |            |            |            |        |        |       |        |        |        |            |
|---|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Emery and other abrasive wheels, . . . . .                          | 11  | 2,725,632  | 1,016,335  | 668,821    | 739.03 | 854    | 21    | 905    | 775    | 1,004  | 2,856,746  |
| Enameling and japaning, . . . . .                                   | 12  | 174,172    | 183,576    | 57,192     | 457.54 | 80     | 45    | 125    | 102    | 151    | 298,087    |
| Engraving and dieinking, . . . . .                                  | 21  | 181,642    | 99,153     | 131,462    | 726.31 | 143    | 38    | 181    | 155    | 212    | 342,057    |
| Envelopes, . . . . .  | 12  | 5,126,271  | 3,270,037  | 939,166    | 451.91 | 692    | 1,394 | 2,076  | 1,919  | 2,244  | 5,621,133  |
| Fancy articles, not elsewhere specified, . . . . .                  | 17  | 348,484    | 244,218    | 121,213    | 429.83 | 90     | 192   | 282    | 176    | 414    | 572,886    |
| Felt goods, . . . . .   | 12  | 3,294,537  | 2,041,604  | 399,955    | 529.04 | 639    | 117   | 755    | 628    | 854    | 3,137,000  |
| Firearms, . . . . .   | 6   | 3,811,611  | 1,016,810  | 1,707,398  | 679.97 | 2,474  | 87    | 2,511  | 2,368  | 2,673  | 3,629,964  |
| Flavoring extracts, . . . . .                                       | 12  | 392,618    | 484,903    | 48,330     | 534.24 | 40     | 52    | 92     | 79     | 111    | 758,148    |
| Flour-mill and gristmill products, . . . . .                        | 71  | 1,909,347  | 3,307,981  | 89,411     | 681.61 | 138    | 2     | 140    | 137    | 142    | 4,143,409  |
| Food preparations, . . . . .  | 30  | 1,138,453  | 1,106,521  | 171,114    | 543.22 | 236    | 79    | 315    | 242    | 517    | 2,308,349  |
| Foundry and machine-shop products, . . . . .                        | 614 | 89,405,950 | 25,517,219 | 24,985,120 | 665.49 | 36,919 | 625   | 37,544 | 32,675 | 42,980 | 71,824,917 |
| Fur goods, . . . . .  | 12  | 539,198    | 384,754    | 174,423    | 818.89 | 109    | 104   | 213    | 130    | 267    | 752,860    |
| Furnishing goods, men's, . . . . .                                  | 15  | 536,987    | 491,706    | 168,818    | 430.99 | 69     | 332   | 401    | 282    | 502    | 952,743    |
| Furniture, . . . . .  | 112 | 18,702,914 | 6,028,767  | 4,333,292  | 571.00 | 6,934  | 655   | 7,589  | 6,692  | 8,625  | 13,913,975 |
| Galvanizing, . . . . .  | 3   | 16,783     | 17,533     | 9,464      | 676.00 | 14     | -     | 14     | 7      | 18     | 34,714     |
| Gas and electric fixtures, . . . . .                                | 10  | 138,590    | 127,270    | 91,500     | 703.85 | 129    | 1     | 130    | 111    | 151    | 316,363    |
| Glass, cutting, staining, and ornamenting, . . . . .                | 23  | 194,703    | 102,559    | 102,372    | 638.02 | 224    | 12    | 236    | 201    | 281    | 395,538    |
| Glue, . . . . .   | 10  | 2,797,758  | 1,112,722  | 260,421    | 482.56 | 448    | 115   | 563    | 449    | 629    | 1,967,173  |
| Gold and silver, leaf and foil, . . . . .                           | 10  | 99,513     | 132,893    | 74,510     | 556.04 | 73     | 61    | 134    | 115    | 144    | 228,081    |
| Gold and silver, reducing and refining, not from the ore, . . . . . | 7   | 1,070,521  | 1,553,061  | 79,438     | 749.42 | 87     | 19    | 106    | 100    | 113    | 1,942,539  |
| Grease and tallow, . . . . .  | 35  | 2,062,102  | 1,387,356  | 424,368    | 638.90 | 651    | 14    | 665    | 620    | 718    | 2,940,966  |
| Hand-knit goods, . . . . .  | 6   | 16,772     | 6,469      | 3,793      | 474.13 | 6      | 2     | 8      | 6      | 9      | 20,952     |
| Hand stamps and stencils and brands, . . . . .                      | 24  | 118,262    | 52,886     | 66,449     | 609.62 | 91     | 18    | 109    | 101    | 124    | 235,690    |

1 Includes stamped and enameled ware and tinware.



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |        | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |        |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |        |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| The State — Continued.  |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Hardware, . . . . .   | 36   | \$3,453,105         | \$1,160,673                                   | \$1,005,844                                      | \$583.77                      | 1,623                 | 100     | 1,723              | 1,502              | 2,013  | \$3,040,081         |
| Hats and caps, other than felt, straw, and<br>wool, . . . . .   | 25   | 174,364             | 367,553                                       | 184,457  | 631.70                        | 207                   | 85      | 292                | 258                | 326    | 786,038             |
| Hats, felt, . . . . .   | 8  | 2,358,239           | 1,471,046                                     | 750,425  | 510.15                        | 917                   | 554     | 1,471              | 787                | 2,029  | 2,645,626           |
| Hats, straw, . . . . .  | 19   | 2,916,299           | 4,451,352                                     | 1,769,583  | 589.86                        | 1,192                 | 1,808   | 3,000              | 1,125              | 4,909  | 8,092,117           |
| Hats, wool, . . . . .   | 3  | 903,323             | 842,475                                       | 366,186  | 575.76                        | 465                   | 171     | 636                | 396                | 804    | 1,692,708           |
| Hosiery and knit goods, . . . . .   | 62   | 13,805,801          | 8,486,386                                     | 4,383,703  | 432.57                        | 3,047                 | 7,087   | 10,134             | 8,976              | 10,956 | 16,067,694          |
| House-furnishing goods, not elsewhere<br>specified, . . . . .   | 24   | 967,739             | 882,094                                       | 309,177  | 486.89                        | 457                   | 178     | 635                | 463                | 819    | 1,722,297           |
| Instruments, professional and scientific, . .   | 20   | 1,140,405           | 352,548                                       | 419,244  | 729.12                        | 512                   | 63      | 575                | 436                | 686    | 1,319,441           |
| Iron and steel, steel works and rolling mills,<br>Iron and steel, bolts, nuts, washers, and<br>rivets, not made in steel works or rolling<br>mills, . . . . . | 6  | 14,275,448          | 10,270,123                                    | 2,241,607  | 727.56                        | 2,948                 | 133     | 3,081              | 2,827              | 3,403  | 14,040,410          |
| Iron and steel forgings, . . . . .  | 8  | 2,486,902           | 1,229,693                                     | 813,140  | 620.24                        | 895                   | 416     | 1,311              | 1,223              | 1,393  | 2,736,800           |
| Iron and steel, nails and spikes, cut and<br>wrought, including wire nails, not made<br>in steel works or rolling mills, . . . . .                            | 10   | 1,581,882           | 597,374                                       | 407,512  | 734.26                        | 555                   | —       | 555                | 460                | 647    | 1,940,586           |
|   | 23   | 2,555,581           | 1,603,714                                     | 639,100  | 559.63                        | 873                   | 269     | 1,142              | 1,079              | 1,205  | 2,932,128           |

|  |     |            |            |           |        |        |       |        |       |        |            |
|--|-----|------------|------------|-----------|--------|--------|-------|--------|-------|--------|------------|
| Ivory, shell, and bone work, not including combs and hairpins. | 4   | 275,068    | 189,163    | 50,205    | 534.10 | 81     | 13    | 94     | 67    | 123    | 295,896    |
| Jewelry.   | 153 | 15,500,697 | 6,947,231  | 4,768,251 | 624.93 | 5,080  | 2,550 | 7,630  | 6,307 | 8,336  | 16,528,140 |
| Jewelry and instrument cases.                                  | 12  | 229,329    | 149,439    | 132,836   | 446.68 | 87     | 188   | 275    | 222   | 346    | 383,776    |
| Kaolin and ground earths.                                      | 6   | 603,064    | 226,642    | 42,097    | 647.65 | 65     | -     | 65     | 58    | 75     | 405,864    |
| Labels and tags.   | 4   | 36,745     | 22,723     | 12,000    | 547.73 | 17     | 5     | 22     | 20    | 24     | 74,226     |
| Lamps and reflectors.  | 5   | 547,548    | 352,047    | 287,992   | 635.45 | 382    | 24    | 406    | 362   | 455    | 991,646    |
| Lasts.   | 29  | 1,679,995  | 757,128    | 738,712   | 835.65 | 893    | 1     | 894    | 747   | 1,051  | 2,442,128  |
| Leather goods, not elsewhere specified.                        | 40  | 785,722    | 687,451    | 265,208   | 445.73 | 278    | 317   | 595    | 449   | 771    | 1,321,912  |
| Leather, tanned, curried, and finished.                        | 126 | 40,783,045 | 37,353,493 | 6,625,375 | 532.60 | 11,161 | 211   | 11,372 | 9,579 | 13,263 | 51,987,780 |
| Lime.  | 9   | 836,965    | 575,042    | 253,880   | 552.92 | 487    | -     | 487    | 398   | 551    | 1,021,929  |
| Linen goods.   | 8   | 3,753,038  | 2,579,691  | 806,998   | 431.32 | 800    | 1,071 | 1,871  | 1,796 | 1,953  | 4,048,781  |
| Liquors, distilled.  | 6   | 991,935    | 837,537    | 56,003    | 800.04 | 70     | -     | 70     | 62    | 76     | 3,438,304  |
| Liquors, malt.   | 33  | 21,014,377 | 5,926,710  | 1,768,746 | 938.74 | 1,572  | 13    | 1,895  | 1,787 | 2,035  | 15,081,761 |
| Looking-glass and picture frames.                              | 20  | 295,452    | 214,204    | 144,249   | 629.91 | 212    | 17    | 229    | 196   | 260    | 566,720    |
| Lumber and timber products.                                    | 25  | 1,230,707  | 1,766,098  | 362,437   | 599.07 | 594    | 11    | 605    | 440   | 774    | 2,729,672  |
| Lumber, planing-mill products.                                 | 165 | 6,041,264  | 5,817,829  | 2,445,814 | 736.03 | 3,316  | 7     | 3,323  | 2,797 | 3,923  | 10,598,081 |
| Marble and stone work.   | 106 | 6,592,110  | 1,228,429  | 2,365,175 | 711.12 | 3,326  | -     | 3,326  | 2,057 | 4,436  | 4,811,963  |
| Mattresses and spring beds.                                    | 38  | 1,108,596  | 1,432,040  | 393,498   | 548.05 | 564    | 154   | 718    | 617   | 821    | 2,404,746  |
| Millinery and lace goods.                                      | 69  | 1,655,935  | 2,244,180  | 790,961   | 445.78 | 311    | 1,396 | 1,707  | 1,135 | 2,355  | 4,054,833  |
| Mineral and soda waters.                                       | 78  | 1,599,262  | 1,167,774  | 277,513   | 651.44 | 423    | 3     | 426    | 286   | 660    | 2,491,858  |
| Models and patterns, not including paper patterns.             | 57  | 325,488    | 142,556    | 317,556   | 767.04 | 397    | 17    | 414    | 304   | 539    | 757,903    |
| Monuments and tombstones.                                      | 149 | 1,834,151  | 747,549    | 1,029,594 | 790.17 | 1,303  | -     | 1,303  | 987   | 1,664  | 2,788,542  |
| Mucilage and paste.  | 16  | 854,323    | 1,200,311  | 65,979    | 646.85 | 80     | 22    | 102    | 94    | 117    | 1,727,832  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 | Value of Product |
|---|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|------------------|
|   |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |                  |
|   |                             |                  |                                   |                                      |                         | Males                 | Females |                 |                 |                  |
|   |                             |                  |                                   |                                      |                         |                       |         |                 |                 |                  |
| The State — Continued.  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |                  |
| Musical instruments and materials, not specified, . . . . .           | 13                          | \$169,314        | \$39,191                          | \$87,874                             | \$578.12                | 130                   | 22      | 152             | 163             | \$278,756        |
| Musical instruments, pianos and organs, and materials, . . . . .      | 50                          | 10,468,415       | 3,553,133                         | 2,654,142                            | 643.43                  | 3,321                 | 304     | 4,125           | 4,632           | 8,638,139        |
| Oil, not elsewhere specified, . . . . .                               | 17                          | 1,681,588        | 2,810,901                         | 178,428                              | 575.57                  | 300                   | 10      | 310             | 288             | 3,439,571        |
| Optical goods, . . . . .  | 8                           | 2,971,037        | 1,181,552                         | 1,466,206                            | 559.03                  | 1,869                 | 752     | 2,621           | 2,457           | 3,599,110        |
| Paints and varnishes, . . . . .                                       | 35                          | 2,809,909        | 2,945,693                         | 337,526                              | 605.41                  | 504                   | 37      | 541             | 477             | 5,157,918        |
| Paper and wood pulp, . . . . .  | 91                          | 47,596,413       | 29,000,726                        | 7,791,973                            | 552.78                  | 9,508                 | 4,533   | 14,096          | 12,909          | 47,228,049       |
| Paper goods, not elsewhere specified, . . . . .                       | 41                          | 6,269,574        | 5,312,217                         | 2,125,359                            | 523.23                  | 2,239                 | 1,823   | 4,062           | 3,548           | 9,910,893        |
| Patent medicines and compounds and druggists' preparations, . . . . . | 71                          | 4,547,192        | 3,339,745                         | 695,837                              | 475.95                  | 654                   | 808     | 1,462           | 1,193           | 8,433,888        |
| Photo-engraving, . . . . .  | 12                          | 338,386          | 116,075                           | 298,788                              | 861.06                  | 307                   | 40      | 347             | 308             | 774,227          |
| Plumbers' supplies, . . . . .   | 21                          | 1,263,464        | 822,799                           | 468,183                              | 555.23                  | 764                   | 36      | 800             | 704             | 1,671,229        |
| Pocketbooks, . . . . .  | 5                           | 461,324          | 293,309                           | 169,049                              | 490.00                  | 118                   | 227     | 345             | 300             | 720,456          |
| Pottery, terra-cotta, and fire-clay products, . . . . .               | 17                          | 1,375,082        | 217,154                           | 307,700                              | 550.45                  | 520                   | 39      | 559             | 470             | 736,006          |
| Printing and publishing, . . . . .                                    | 120                         | 10,413,611       | 4,622,947                         | 4,519,513                            | 674.25                  | 4,588                 | 2,115   | 6,703           | 6,090           | 13,872,651       |
| Refrigerators, . . . . .  | 12                          | 261,554          | 171,113                           | 93,516                               | 785.85                  | 119                   | —       | 119             | 72              | 411,740          |

|   | 5          | 6          | 24        | 30     | 26    | 35    |            |
|---|------------|------------|-----------|--------|-------|-------|------------|
| Regalia and society badges and emblems, . .                                   | 66,176     | 59,598     | 14,421    | 480.70 |       |       | 102,972    |
| Rubber goods, not elsewhere specified, . .                                    | 14,100,243 | 14,850,282 | 2,720,374 | 531.02 | 4,949 | 5,642 | 23,510,260 |
| Saddlery and harness, . . . . .   | 683,311    | 654,289    | 186,037   | 637.11 | 292   | 349   | 1,100,957  |
| Sausage, not made in slaughtering and<br>meat-packing establishments, . . . . | 930,318    | 2,397,633  | 244,456   | 622.03 | 393   | 439   | 3,812,151  |
| Scales and balances, . . . . .  | 79,542     | 17,245     | 21,225    | 684.66 | 31    | 36    | 70,835     |
| Screws, machine, . . . . .  | 1,006,905  | 946,297    | 686,339   | 626.11 | 1,014 | 1,271 | 2,134,422  |
| Shipbuilding, wooden, including boat<br>building, . . . . .                   | 973,736    | 666,455    | 545,001   | 738.05 | 696   | 996   | 1,534,734  |
| Shirts, . . . . .   | 1,077,528  | 1,257,027  | 738,472   | 388.14 | 1,513 | 2,037 | 3,241,109  |
| Shoddy, . . . . .   | 1,000,895  | 1,394,768  | 279,608   | 507.46 | 551   | 677   | 2,096,956  |
| Show cases, . . . . .   | 90,404     | 103,691    | 74,183    | 873.39 | 85    | 114   | 267,940    |
| Signs and advertising novelties, . . . .                                      | 232,829    | 191,163    | 135,215   | 646.78 | 193   | 217   | 433,330    |
| Silk and silk goods, including throwsters, .                                  | 8,901,283  | 6,094,721  | 2,021,204 | 454.20 | 3,097 | 4,811 | 10,062,097 |
| Silverware and plated ware, . . . . .   | 7,781,872  | 3,054,456  | 1,836,117 | 707.29 | 2,195 | 2,927 | 7,262,848  |
| Slaughtering and meat packing, . . . .  | 14,846,906 | 41,747,298 | 1,697,669 | 558.63 | 22    | 3,446 | 46,826,160 |
| Soap, . . . . .   | 2,343,817  | 2,837,728  | 268,968   | 533.67 | 133   | 566   | 4,798,355  |
| Sporting and athletic goods, . . . . .  | 1,665,683  | 1,336,062  | 572,277   | 532.85 | 296   | 1,227 | 2,631,803  |
| Stationery goods, not elsewhere specified, .                                  | 2,402,062  | 2,052,017  | 759,458   | 496.33 | 870   | 1,692 | 4,082,224  |
| Statuary and art goods, . . . . .   | 221,468    | 39,415     | 72,113    | 721.13 | 100   | 121   | 152,930    |
| Steam fittings and heating apparatus, . .                                     | 7,561,178  | 2,707,552  | 2,202,867 | 642.61 | 111   | 3,959 | 6,753,292  |
| Steam packing, . . . . .  | 275,912    | 178,719    | 49,148    | 638.29 | 2     | 87    | 330,632    |
| Stereotyping and electrotyping, . . . .                                       | 267,222    | 108,562    | 223,397   | 778.39 | 17    | 310   | 516,606    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     |
| The State — Concluded.  |  |                     |   |  |                               |                       |         |                    |                    |                     |
| Stoves and furnaces, not including gas and<br>oil stoves, . . . . . | 13   | \$2,755,749         | \$889,615                                     | \$1,295,158                                      | \$812.52                      | 1,591                 | 3       | 1,594              | 1,707              | \$3,470,781         |
| Structural ironwork, . . . . .                                      | 46   | 3,599,928           | 2,387,717                                     | 1,214,486  | 759.05                        | 1,600                 | —       | 1,600              | 1,991              | 4,585,308           |
| Surgical appliances, . . . . .                                      | 10   | 512,296             | 711,685                                       | 120,191  | 566.94                        | 140                   | 72      | 212                | 231                | 1,085,819           |
| Suspenders, garters, and elastic woven<br>goods, . . . . .          | 32   | 6,576,028           | 4,767,321                                     | 1,636,658  | 474.24                        | 1,200                 | 2,230   | 3,430              | 3,131              | 8,616,113           |
| Tobacco manufactures, . . . . .                                     | 338  | 4,317,576           | 3,660,065                                     | 3,033,994  | 754.54                        | 2,818                 | 1,203   | 4,021              | 3,546              | 9,148,605           |
| Toys and games, . . . . .   | 10   | 1,155,423           | 967,404                                       | 535,692  | 467.45                        | 729                   | 417     | 1,146              | 749                | 1,905,909           |
| Trunks and valises, . . . . .                                       | 19   | 669,809             | 715,085                                       | 253,490  | 559.58                        | 339                   | 114     | 453                | 298                | 1,298,457           |
| Type founding and printing materials, . . . . .                     | 8  | 270,935             | 92,885  | 85,973   | 741.15                        | 94                    | 22      | 116                | 108                | 280,513             |
| Upholstering materials, . . . . .                                   | 5  | 383,197             | 544,857                                       | 96,503   | 521.87                        | 160                   | 23      | 183                | 150                | 763,605             |
| Vinegar and cider, . . . . .  | 11   | 375,113             | 135,784                                       | 24,768   | 576.00                        | 43                    | —       | 43                 | 28                 | 227,188             |
| Waste, . . . . .  | 9  | 1,613,602           | 2,927,799                                     | 271,276  | 420.58                        | 401                   | 244     | 645                | 581                | 3,496,407           |
| Watch and clock materials, . . . . .                                | 5  | 129,485             | 36,181  | 94,007   | 543.39                        | 59                    | 114     | 173                | 154                | 205,179             |
| Whips, . . . . .  | 24   | 2,455,753           | 1,154,471                                     | 537,089  | 499.14                        | 726                   | 330     | 1,056              | 941                | 2,893,603           |
| Window shades and fixtures, . . . . .                               | 10   | 136,466             | 269,434                                       | 41,975   | 545.13                        | 63                    | 14      | 77                 | 82                 | 354,811             |

|  |     |             |            |            |        |        |        |        |        |        |             |
|--|-----|-------------|------------|------------|--------|--------|--------|--------|--------|--------|-------------|
| Wire, . . . . .                                    | 8   | 9,496,049   | 5,984,377  | 2,457,482  | 706.49 | 3,517  | 108    | 3,520  | 3,312  | 4,006  | 9,986,253   |
| Wirework, including wire rope and cable, . . . . . | 33  | 4,745,441   | 2,547,670  | 1,124,383  | 583.07 | 1,664  | 369    | 2,033  | 1,767  | 2,282  | 4,968,278   |
| Wood, turned and carved, . . . . .                 | 45  | 1,616,223   | 644,130    | 502,907    | 423.32 | 1,103  | 25     | 1,188  | 969    | 1,360  | 1,606,270   |
| Wooden goods, not elsewhere specified, . . . . .   | 27  | 415,067     | 235,696    | 143,057    | 569.95 | 246    | 5      | 251    | 221    | 299    | 540,396     |
| Wool scouring, . . . . .                           | 10  | 1,463,666   | 518,357    | 396,617    | 585.18 | 681    | 37     | 718    | 492    | 858    | 1,214,606   |
| Woolen and worsted goods, . . . . .                | 167 | 136,579,414 | 83,504,896 | 26,396,762 | 489.78 | 32,263 | 21,404 | 53,697 | 33,409 | 60,621 | 133,450,435 |
| All other industries, . . . . .                    | 176 | 91,208,871  | 63,162,278 | 14,025,616 | 592.36 | 17,978 | 5,696  | 22,674 | 20,654 | 26,737 | 90,998,407  |

1 Embraces Ammunition, 3; Artificial limbs, 4; Axle grease, 1; Babbitt metal and solder, 2; Bags, other than paper, 4; Bags, paper, 2; Baking powders and yeast, 5; Belting and hose, rubber, 2; Bluing, 2; Bone, carbon, and lamp black, 3; Butter, reworking, 1; Calcium lights, 1; Cars and general shop construction and repairs by street railroad companies, 2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 3; China decorating, 1; Chocolate and cocoa products, 4; Clothing, horse, 2; Coke, 1; Collars and cuffs, 1; Cork cutting, 2; Crutches, 2; Drug grinding, 1; Engravers' materials, 1; Explosives, 2; Fertilizers, 4; Files, 4; Fire extinguishers, chemical, 1; Fireworks, 3; Foundry supplies, 1; Gas machines and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 2; Hairwork, 2; Hammocks, 2; Hat and cap materials, 1; Horseshoes, not made in steel works or rolling mills, 3; Ice, manufactured, 5; Ink, printing, 1; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 1; Jute and jute goods, 4; Lead, bar, pipe, and sheet, 1; Mats and matting, 1; Mirror, 4; Needles, pins, and hooks and eyes, 2; Nets and seines, 2; Oilcloth, enameled, 4; Ordnance and accessories, 1; Paper patterns, 1; Paving materials, 1; Pens, fountain and stylographic, 2; Pens, gold, 2; Phonographs and graphophones, 1; Photographic materials, 2; Pipes, tobacco, 3; Pumps, not including steam pumps, 2; Roofing materials, 3; Sand and emery paper and cloth, 2; Saws, 7; Screws, wood, 1; Sewing machines and attachments, 5; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 4; Soda-water apparatus, 3; Springs, steel, car and carriage, 2; Starch, 4; Stoves, gas and oil, 3; Sugar and molasses, refining, not including beet sugar, 2; Sulphuric, nitric, and mixed acids, 1; Typewriters and supplies, 1; Umbrellas and canes, 2; Wall paper, 2; Wall plaster, 1; Washing machines and clothes wringers, 1; and Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.

B. THE 33 CITIES: BY INDUSTRIES.

| CITIES AND INDUSTRIES.                   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|  |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|  |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| BEVERLY.                                 |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Boot and shoe cut stock and findings,    | 48   | \$6,552,519         | \$2,239,377                                   | \$3,507,964                                      | \$708.58                      | 4,474                 | 719     | 4,993              | 4,536              | 5,874               | \$6,963,033   |
| Boots and shoes,                         | 5  | 166,184             | 127,437                                       | 20,786   | 561.78                        | 31                    | 6       | 37                 | 26                 | 48                  | 192,391       |
| Bread and other bakery products,         | 14   | 1,770,136           | 1,591,130                                     | 703,189  | 502.64                        | 852                   | 547     | 1,399              | 1,084              | 1,714               | 2,681,156     |
| Other industries,                        | 5  | 13,241              | 57,892  | 14,062   | 782.33                        | 18                    | -       | 18                 | 15                 | 19                  | 95,226        |
|  | 18   | 4,271,658           | 1,063,518                                     | 2,769,937  | 782.69                        | 3,373                 | 166     | 3,539              | 3,210              | 4,093               | 3,994,260     |
| BOERON.                                  |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Automobiles, including bodies and parts, | 2,061                                      | 148,783,441         | 139,656,328                                   | 43,681,813                                       | 608.99                        | 48,311                | 24,132  | 78,545             | 60,316             | 84,654              | 241,289,318   |
| Awings, tents, and sails,                | 12   | 245,156             | 130,486                                       | 155,782  | 767.15                        | 200                   | 3       | 203                | 148                | 252                 | 443,537       |
| Belt and hose, leather,                  | 19   | 188,019             | 306,162                                       | 137,077  | 631.99                        | 132                   | 85      | 217                | 151                | 322                 | 682,119       |
| Billiard tables and materials,           | 4  | 310,454             | 651,228                                       | 37,664   | 672.57                        | 49                    | 7       | 56                 | 54                 | 58                  | 846,750       |
| Blacking,                                | 3  | 86,798              | 53,771  | 16,451   | 822.55                        | 20                    | -       | 20                 | 19                 | 23                  | 96,178        |
|  | 12   | 311,830             | 318,570                                       | 53,557   | 514.97                        | 47                    | 57      | 104                | 90                 | 121                 | 612,016       |
| Bookbinding and blank-book making,       | 23   | 612,248             | 344,314                                       | 489,597  | 536.25                        | 425                   | 488     | 913                | 816                | 1,057               | 1,226,411     |
| Boot and shoe cut stock and findings,    | 31   | 4,954,668           | 14,462,133                                    | 756,691  | 613.20                        | 979                   | 255     | 1,234              | 984                | 1,426               | 16,478,367    |
| Boots and shoes,                         | 14   | 7,020,238           | 6,469,283                                     | 3,319,929  | 544.97                        | 3,329                 | 2,563   | 6,092              | 4,682              | 6,817               | 12,000,795    |
| Bones, fancy and paper,                  | 21   | 511,783             | 587,308                                       | 404,607  | 405.01                        | 265                   | 724     | 999                | 855                | 1,142               | 1,353,287     |
| Bones, wooden packing,                   | 4  | 20,377              | 69,386  | 26,145   | 522.90                        | 49                    | 1       | 50                 | 48                 | 52                  | 119,821       |
| Brass and bronze products,               | 24   | 245,337             | 367,967                                       | 187,141  | 733.80                        | 253                   | 2       | 255                | 224                | 299                 | 689,980       |
| Bread and other bakery products,         | 154  | 2,893,111           | 4,912,645                                     | 1,201,121  | 504.25                        | 1,561                 | 721     | 2,382              | 2,100              | 2,591               | 9,479,401     |

|   |     |            |           |           |        |       |       |       |       |       |            |
|---|-----|------------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Canning and preserving, . . . . .                             | 20  | 368,833    | 1,336,033 | 152,923   | 519.66 | 211   | 141   | 352   | 266   | 473   | 1,883,070  |
| Carriages and wagons and materials, . . . . .                 | 13  | 377,886    | 145,199   | 155,117   | 718.86 | 213   | -     | 213   | 171   | 269   | 423,742    |
| Cleaning and polishing preparations, . . . . .                | 6   | 109,400    | 169,643   | 20,320    | 461.82 | 20    | 24    | 44    | 33    | 49    | 314,960    |
| Cloth sponging and refinishing, . . . . .                     | 3   | 26,300     | 3,600     | 26,250    | 680.23 | 43    | -     | 43    | 41    | 48    | 61,200     |
| Clothing, men's, . . . . .                                    | 158 | 7,331,638  | 8,410,332 | 2,672,373 | 576.44 | 2,431 | 2,205 | 4,636 | 4,074 | 5,198 | 15,801,026 |
| Clothing, women's, . . . . .                                  | 124 | 2,630,109  | 4,454,006 | 1,880,437 | 534.82 | 1,065 | 2,431 | 3,516 | 2,561 | 4,370 | 8,555,099  |
| Coffee and spice, roasting and grinding, . . . . .            | 14  | 2,628,836  | 5,878,471 | 211,721   | 601.48 | 214   | 138   | 352   | 333   | 375   | 6,904,750  |
| Confectionery, . . . . .                                      | 53  | 7,243,710  | 9,407,524 | 1,530,976 | 359.72 | 1,165 | 3,925 | 5,090 | 4,147 | 6,550 | 14,198,815 |
| Copper, tin, and sheet-iron products, . . . . .               | 61  | 2,136,021  | 2,086,433 | 1,009,432 | 609.56 | 1,439 | 217   | 1,556 | 1,460 | 1,893 | 4,225,344  |
| Cordials and sirups, . . . . .                                | 7   | 286,298    | 394,817   | 49,102    | 517.23 | 52    | 41    | 93    | 68    | 122   | 612,126    |
| Cutlery and tools, not elsewhere specified, . . . . .         | 15  | 3,183,891  | 563,117   | 374,328   | 439.87 | 451   | 400   | 851   | 697   | 1,139 | 2,109,744  |
| Dentists' materials, . . . . .                                | 7   | 86,747     | 457,097   | 38,966    | 688.79 | 36    | 28    | 61    | 58    | 67    | 546,564    |
| Dyestuffs and extracts, . . . . .                             | 9   | 311,268    | 530,063   | 41,569    | 639.52 | 65    | -     | 65    | 55    | 79    | 715,102    |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . . | 21  | 3,259,766  | 2,043,865 | 1,019,404 | 611.52 | 1,232 | 435   | 1,967 | 1,253 | 2,109 | 4,304,522  |
| Electroplating, . . . . .                                     | 16  | 64,866     | 37,313    | 81,839    | 794.55 | 103   | -     | 103   | 94    | 115   | 194,005    |
| Engraving and die-sinking, . . . . .                          | 8   | 113,456    | 52,942    | 63,061    | 613.24 | 65    | 38    | 103   | 92    | 114   | 202,515    |
| Fancy articles, not elsewhere specified, . . . . .            | 11  | 207,809    | 105,109   | 63,715    | 433.44 | 42    | 105   | 147   | 89    | 240   | 276,614    |
| Flavoring extracts, . . . . .                                 | 6   | 239,568    | 325,033   | 22,224    | 505.32 | 18    | 26    | 44    | 39    | 53    | 480,262    |
| Food preparations, . . . . .                                  | 11  | 561,128    | 692,243   | 115,742   | 609.17 | 145   | 45    | 190   | 127   | 254   | 1,536,253  |
| Foundry and machine-shop products, . . . . .                  | 123 | 13,123,342 | 4,227,838 | 3,954,068 | 725.25 | 5,398 | 54    | 5,452 | 4,604 | 6,346 | 12,726,449 |
| Fur goods, . . . . .  | 11  | 520,068    | 340,254   | 169,275   | 813.82 | 106   | 102   | 208   | 127   | 260   | 696,610    |
| Furnishing goods, men's, . . . . .                            | 7   | 359,192    | 383,675   | 97,917    | 451.23 | 37    | 180   | 217   | 187   | 274   | 707,555    |
| Furniture, . . . . .  | 40  | 962,636    | 933,639   | 517,113   | 670.70 | 701   | 70    | 771   | 644   | 958   | 2,060,611  |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |       | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|-------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |       |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |       |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |       |                     |
| BOSTON — Continued.   |  |                     |   |  |                               |                       |         |                    |                    |       |                     |
| Galvanizing, . . . . .  | 3  | \$16,782            | \$17,638                                      | \$9,464  | \$876.00                      | 14                    | -       | 14                 | 7                  | 18    | \$34,714            |
| Gas and electric fixtures, . . . . .                          | 8  | 123,988             | 114,072                                       | 83,178   | 729.63                        | 113                   | 1       | 114                | 100                | 120   | 276,996             |
| Glass, cutting, staining, and ornamenting, . . . . .          | 13   | 84,674              | 52,091  | 92,061   | 844.50                        | 106                   | 3       | 109                | 92                 | 128   | 227,264             |
| Hand stamps and stencils and brands, . . . . .                | 16   | 59,748              | 22,545  | 43,541   | 713.79                        | 60                    | 1       | 61                 | 57                 | 74    | 140,187             |
| Hardware, . . . . .   | 12   | 334,677             | 129,974                                       | 106,997  | 627.20                        | 131                   | 38      | 169                | 142                | 191   | 266,348             |
|   |  |                     |   |  |                               |                       |         |                    |                    |       |                     |
| Hats and caps, other than felt, straw, and<br>wool, . . . . . | 23   | 171,729             | 361,179                                       | 182,262  | 635.16                        | 204                   | 83      | 287                | 253                | 320   | 771,968             |
| Hosiery and knit goods, . . . . .                             | 10   | 663,462             | 944,916                                       | 347,142  | 383.86                        | 86                    | 820     | 905                | 802                | 982   | 1,723,877           |
| House-furnishing goods, not elsewhere<br>specified, . . . . . | 6  | 75,161              | 132,555                                       | 29,944   | 526.33                        | 33                    | 24      | 57                 | 51                 | 62    | 220,003             |
| Instruments, professional and scientific, . . . . .           | 11   | 963,604             | 277,130                                       | 363,102  | 719.01                        | 452                   | 53      | 505                | 331                | 602   | 1,067,893           |
| Jewelry, . . . . .  | 17   | 437,667             | 255,382                                       | 168,608  | 674.43                        | 201                   | 49      | 250                | 223                | 278   | 612,768             |
|   |  |                     |   |  |                               |                       |         |                    |                    |       |                     |
| Jewelry and instrument cases, . . . . .                       | 5  | 133,986             | 82,814  | 64,725   | 486.65                        | 41                    | 92      | 133                | 111                | 163   | 179,012             |
| Leather goods, not elsewhere specified, . . . . .             | 13   | 354,089             | 312,629                                       | 125,654  | 453.62                        | 112                   | 165     | 277                | 223                | 339   | 594,764             |
| Leather, tanned, curried, and finished, . . . . .             | 6  | 137,747             | 121,225                                       | 40,826   | 637.91                        | 62                    | 2       | 64                 | 49                 | 70    | 231,460             |
| Liquors, malt, . . . . .                                      | 18   | 13,350,180          | 3,103,023                                     | 1,062,880  | 965.06                        | 1,084                 | 7       | 1,091              | 1,023              | 1,166 | 8,362,661           |
| Looking-glass and picture frames, . . . . .                   | 14   | 124,407             | 110,822                                       | 72,637   | 620.83                        | 116                   | 1       | 117                | 108                | 133   | 280,861             |

|  |         |                      |                     |                     |                  |              |           |              |              |              |                      |
|--|---------|----------------------|---------------------|---------------------|------------------|--------------|-----------|--------------|--------------|--------------|----------------------|
| Lumber, planing-mill products, . . .   | 50      | 1,408,877            | 1,466,703           | 719,998             | 778.38           | 923          | 2         | 925          | 769          | 1,130        | 2,873,792            |
| Marble and stone work, . . .   | 13      | 791,218              | 419,532             | 362,383             | 767.76           | 472          | -         | 472          | 361          | 589          | 1,086,923            |
| Mattresses and spring beds, . . .  | 18      | 701,827              | 1,087,384           | 269,461             | 551.04           | 372          | 117       | 489          | 421          | 561          | 1,771,209            |
| Millinery and lace goods, . . .  | 59      | 1,040,398            | 1,574,336           | 490,301             | 410.98           | 187          | 1,006     | 1,193        | 819          | 1,601        | 2,874,345            |
| Mineral and soda waters, . . .   | 18      | 673,776              | 508,490             | 101,169             | 688.22           | 145          | 2         | 147          | 104          | 233          | 1,194,363            |
| Models and patterns, not including paper patterns, . . .                     | 19      | 90,295               | 40,532              | 103,598             | 790.82           | 124          | 7         | 131          | 112          | 183          | 225,815              |
| Mucilage and paste, . . .  | 5       | 114,102              | 179,377             | 18,162              | 768.75           | 21           | 3         | 24           | 24           | 29           | 266,831              |
| Musical instruments and materials, not specified, . . .                      | 9       | 124,342              | 64,269              | 68,851              | 631.66           | 93           | 16        | 109          | 98           | 119          | 202,976              |
| Musical instruments, pianos and organs, and materials, . . .                 | 18      | 4,122,109            | 1,804,061           | 1,091,795           | 721.13           | 1,464        | 60        | 1,514        | 1,359        | 1,626        | 3,676,339            |
| Oil, not elsewhere specified, . . .  | 5       | 708,581              | 1,442,599           | 89,056              | 659.67           | 135          | -         | 135          | 129          | 142          | 1,735,376            |
| Paints and varnishes, . . .  | 11      | 868,655              | 852,103             | 95,942              | 592.23           | 152          | 10        | 162          | 150          | 174          | 1,403,794            |
| Paper goods, not elsewhere specified, . . .                                  | 10      | 269,586              | 150,410             | 86,447              | 436.60           | 64           | 134       | 198          | 108          | 296          | 346,558              |
| Patent medicines and compounds and druggists' preparations, . . .            | 38      | 2,123,253            | 2,603,595           | 394,934             | 462.99           | 340          | 513       | 853          | 702          | 1,010        | 4,899,015            |
| Photo-engraving, . . .   | 8       | 295,325              | 100,445             | 232,851             | 831.61           | 244          | 36        | 280          | 249          | 299          | 646,486              |
| Plumbers' supplies, . . .  | 8       | 255,652              | 109,166             | 114,392             | 752.58           | 152          | -         | 152          | 140          | 168          | 302,928              |
| Pottery, terra-cotta, and fire-clay products, Printing and publishing, . . . | 4<br>53 | 160,955<br>2,545,823 | 51,431<br>1,186,311 | 90,940<br>1,350,827 | 425.54<br>693.70 | 181<br>1,365 | 32<br>582 | 213<br>1,947 | 186<br>1,716 | 244<br>2,153 | 221,845<br>4,219,992 |
| Refrigerators, . . .   | 8       | 190,071              | 148,503             | 75,738              | 805.72           | 94           | -         | 94           | 53           | 117          | 336,756              |
| Rubber goods, not elsewhere specified, . . .                                 | 8       | 535,582              | 454,911             | 174,310             | 468.58           | 218          | 154       | 372          | 297          | 457          | 875,904              |
| Saddlery and harness, . . .  | 11      | 88,129               | 129,267             | 37,213              | 729.67           | 50           | 1         | 51           | 48           | 55           | 244,014              |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |  | Value of Product |
|---|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|--|------------------|
|   |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |  |                  |
|   |                             |                  |                                   |                                      |                         | Males                 | Females |                 | Both Sexes      |  |                  |
| Boerum — Concluded.   |                             |                  |                                   |                                      |                         |                       |         |                 |                 |  |                  |
| Sausages, not made in slaughtering and meat-packing establishments, . . . | 14                          | \$270,625        | \$1,101,062                       | \$102,385                            | \$660.55                | 152                   | 3       | 155             | 182             |  | \$1,476,849      |
| Shipbuilding, wooden, including boat building, . . . . .                  | 13                          | 488,682          | 281,430                           | 285,945                              | 904.89                  | 316                   | -       | 316             | 480             |  | 691,253          |
| Show cases, . . . . .   | 7                           | 59,530           | 72,217                            | 53,630                               | 924.66                  | 58                    | -       | 58              | 83              |  | 186,414          |
| Signs and advertising novelties, . .                                      | 4                           | 73,594           | 94,644                            | 80,515                               | 906.87                  | 71                    | 4       | 75              | 77              |  | 206,343          |
| Slaughtering and meat packing, . .  | 7                           | 189,632          | 2,211,515                         | 51,746                               | 892.17                  | 58                    | -       | 58              | 59              |  | 2,618,567        |
| Soap, . . . . .   | 13                          | 237,332          | 308,696                           | 38,340                               | 618.39                  | 56                    | 6       | 62              | 75              |  | 514,951          |
| Statuary and art goods, . . . . .   | 10                          | 221,468          | 39,415                            | 72,113                               | 721.13                  | 100                   | -       | 100             | 121             |  | 182,960          |
| Steam fittings and heating apparatus, .                                   | 15                          | 4,796,091        | 1,630,248                         | 1,266,828                            | 664.02                  | 1,853                 | 100     | 1,953           | 2,258           |  | 4,006,023        |
| Steam packing, . . . . .  | 6                           | 124,818          | 52,945                            | 27,718                               | 676.06                  | 39                    | 2       | 41              | 47              |  | 151,180          |
| Stereotyping and electrotyping, . .                                       | 6                           | 159,665          | 85,376                            | 174,829                              | 915.34                  | 191                   | -       | 191             | 202             |  | 379,050          |
| Structural ironwork, . . . . .  | 15                          | 658,735          | 482,946                           | 359,860                              | 756.01                  | 476                   | -       | 476             | 545             |  | 1,044,400        |
| Suspenders, garters, and elastic woven goods, .                           | 8                           | 1,225,916        | 1,576,116                         | 363,074                              | 396.37                  | 96                    | 820     | 916             | 1,029           |  | 2,720,319        |
| Tobacco manufactures, . . . . .   | 114                         | 3,136,053        | 2,666,544                         | 2,267,537                            | 899.26                  | 2,052                 | 750     | 2,802           | 3,072           |  | 6,684,577        |
| Trunks and valises, . . . . .   | 11                          | 138,022          | 167,680                           | 72,011                               | 526.63                  | 113                   | 24      | 137             | 157             |  | 339,298          |
| Type founding and printing materials, .                                   | 8                           | 270,335          | 92,885                            | 85,973                               | 741.15                  | 94                    | 22      | 116             | 129             |  | 280,513          |
| Window shades and fixtures, . . . .                                       | 6                           | 43,600           | 78,844                            | 18,483                               | 616.10                  | 23                    | 7       | 30              | 33              |  | 120,750          |
| Wirework, including wire rope and cable, .                                | 7                           | 50,371           | 51,414                            | 45,065                               | 662.57                  | 67                    | 1       | 68              | 88              |  | 135,578          |

|   |     | 6          | 62,916     | 24,918     | 18,292    | 494.38 | 37 | 9,868 | 2,871 | 37     | 12,730 | 26     | 10,987 | 46 | 14,600 | 70,077     |
|---|-----|------------|------------|------------|-----------|--------|----|-------|-------|--------|--------|--------|--------|----|--------|------------|
| Wood, turned and carved, . . . . .                    |     | 180        | 82,601,267 | 36,710,604 | 8,068,987 | 635.37 |    |       |       |        |        |        |        |    |        | 51,210,040 |
| Other industries, . . . . .                           |     |            |            |            |           |        |    |       |       |        |        |        |        |    |        |            |
| BROOKTON.   |     |            |            |            |           |        |    |       |       |        |        |        |        |    |        |            |
| Blacking, . . . . .                                   | 179 | 22,162,791 | 90,616,677 | 10,179,112 | 639.35    | 11,069 |    |       | 4,265 | 16,921 | 13,367 | 17,616 |        |    |        | 48,386,531 |
| Boot and shoe cut stock and findings, . . . . .       | 13  | 189,637    | 247,549    | 32,618     | 888.37    | 32     |    |       | 6     | 38     | 35     | 45     |        |    |        | 527,235    |
| Boots and shoes, . . . . .                            | 45  | 3,052,680  | 6,022,781  | 862,235    | 462.35    | 1,265  |    |       | 600   | 1,865  | 1,394  | 2,133  |        |    |        | 7,872,792  |
| Boxes and shoes, . . . . .                            | 33  | 14,712,028 | 20,986,197 | 7,976,824  | 698.50    | 8,726  |    |       | 3,205 | 11,931 | 10,127 | 13,069 |        |    |        | 34,244,367 |
| Boxes, fancy and paper . . . . .                      | 5   | 207,985    | 121,639    | 90,678     | 433.06    | 55     |    |       | 152   | 207    | 191    | 228    |        |    |        | 281,106    |
| Boxes, wooden packing . . . . .                       | 4   | 176,318    | 123,902    | 40,306     | 610.70    | 66     |    |       | -     | 66     | 55     | 73     |        |    |        | 185,354    |
| Bread and other bakery products, . . . . .            | 9   | 57,873     | 212,885    | 54,505     | 825.82    | 66     |    |       | -     | 66     | 64     | 70     |        |    |        | 364,259    |
| Carriages and wagons and materials, . . . . .         | 3   | 35,725     | 11,945     | 13,674     | 769.67    | 18     |    |       | -     | 18     | 15     | 21     |        |    |        | 47,750     |
| Cutlery and tools, not elsewhere specified, . . . . . | 9   | 130,797    | 45,143     | 82,762     | 819.43    | 101    |    |       | -     | 101    | 77     | 121    |        |    |        | 196,721    |
| Foundry and machine-shop products, . . . . .          | 9   | 406,203    | 92,367     | 130,334    | 769.61    | 170    |    |       | -     | 170    | 163    | 187    |        |    |        | 397,418    |
| Lasts, . . . . .                                      | 5   | 505,224    | 228,960    | 186,433    | 836.02    | 223    |    |       | -     | 223    | 196    | 266    |        |    |        | 666,322    |
| Other industries, . . . . .                           | 44  | 2,688,311  | 2,422,539  | 709,224    | 573.81    | 944    |    |       | 262   | 1,236  | 1,050  | 1,413  |        |    |        | 4,112,257  |
| CAMBRIDG.   |     |            |            |            |           |        |    |       |       |        |        |        |        |    |        |            |
| Automobiles, including bodies and parts, . . . . .    | 244 | 34,614,827 | 29,691,253 | 9,910,639  | 575.90    | 11,708 |    |       | 4,962 | 16,433 | 13,817 | 18,648 |        |    |        | 55,151,607 |
| Bookbinding and blank-book making, . . . . .          | 5   | 196,788    | 66,453     | 96,292     | 832.14    | 112    |    |       | 1     | 112    | 96     | 130    |        |    |        | 240,957    |
| Boxes, fancy and paper . . . . .                      | 6   | 486,792    | 178,025    | 185,405    | 530.99    | 167    |    |       | 201   | 368    | 331    | 407    |        |    |        | 521,029    |
| Brass and bronze products, . . . . .                  | 3   | 254,295    | 180,292    | 151,967    | 431.72    | 76     |    |       | 276   | 352    | 311    | 380    |        |    |        | 452,810    |
| Bread and other bakery products, . . . . .            | 3   | 26,835     | 33,023     | 15,128     | 630.33    | 24     |    |       | -     | 24     | 15     | 35     |        |    |        | 66,082     |
| Carriages and wagons and materials, . . . . .         | 35  | 1,290,341  | 2,300,770  | 574,566    | 546.71    | 752    |    |       | 269   | 1,061  | 996    | 1,118  |        |    |        | 4,264,686  |
| Confectionery, . . . . .                              | 4   | 70,437     | 43,366     | 50,244     | 717.77    | 70     |    |       | -     | 70     | 52     | 90     |        |    |        | 136,067    |
| Copper, tin, and sheet-iron products, . . . . .       | 14  | 1,304,121  | 1,628,311  | 340,943    | 338.57    | 277    |    |       | 780   | 1,007  | 869    | 1,173  |        |    |        | 2,551,604  |
| Foundry and machine-shop products, . . . . .          | 6   | 542,357    | 395,749    | 124,048    | 561.30    | 209    |    |       | 12    | 221    | 195    | 252    |        |    |        | 682,261    |
| Furniture, . . . . .                                  | 17  | 5,052,447  | 1,691,033  | 1,300,604  | 698.87    | 1,794  |    |       | 77    | 1,861  | 1,667  | 2,018  |        |    |        | 4,057,706  |
|   | 12  | 1,367,560  | 394,545    | 542,548    | 762.01    | 698    |    |       | 14    | 712    | 590    | 841    |        |    |        | 1,361,671  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |
|  |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| CAMBRIDGE — Concluded.   |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| Looking-glass and picture frames, . . . . .                      | 3                           | \$3,415          | \$5,323                           | 24,835                               | \$904.38                | 8                     | —       | 8          | 6               | 9               | \$17,960         |
| Lumber, planing-mill products, . . . . .                         | 7                           | 644,925          | 619,218                           | 252,411                              | 864.43                  | 292                   | —       | 292        | 244             | 300             | 1,116,713        |
| Marble and stone work, . . . . .                                 | 7                           | 177,199          | 71,337                            | 66,220                               | 974.93                  | 71                    | —       | 71         | 42              | 104             | 200,933          |
| Monuments and tombstones, . . . . .                              | 4                           | 18,200           | 6,938                             | 7,500                                | 937.50                  | 8                     | —       | 8          | 4               | 13              | 30,406           |
| Musical instruments, pianos and organs, and materials, . . . . . | 6                           | 2,711,529        | 622,357                           | 537,672                              | 568.36                  | 804                   | 142     | 946        | 671             | 1,058           | 1,804,917        |
| Printing and publishing, . . . . .                               | 6                           | 2,122,336        | 1,277,562                         | 1,091,733                            | 652.56                  | 995                   | 678     | 1,673      | 1,546           | 1,753           | 2,981,925        |
| Slaughtering and meat packing, . . . . .                         | 4                           | 75,216           | 636,354                           | 19,643                               | 701.50                  | 28                    | —       | 28         | 26              | 33              | 700,213          |
| Structural ironwork, . . . . .                                   | 10                          | 871,329          | 580,670                           | 209,399                              | 693.37                  | 302                   | —       | 302        | 230             | 374             | 1,015,949        |
| Tobacco manufactures, . . . . .                                  | 5                           | 14,470           | 27,308                            | 6,357                                | 706.33                  | 7                     | 2       | 9          | 7               | 12              | 43,410           |
| Wood, turned and carved, . . . . .                               | 3                           | 82,420           | 8,328                             | 13,967                               | 697.85                  | 18                    | 2       | 20         | 16              | 24              | 32,703           |
| Other industries, . . . . .                                      | 84                          | 17,194,815       | 18,910,167                        | 4,006,189                            | 530.48                  | 4,974                 | 2,578   | 7,552      | 5,903           | 8,454           | 30,375,016       |
| CHELSEA.   |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| Boots and shoes, . . . . .                                       | 37                          | 9,609,805        | 9,140,868                         | 5,733,779                            | 594.69                  | 4,631                 | 1,639   | 6,270      | 5,236           | 7,060           | 16,474,435       |
| Bones, fancy and paper . . . . .                                 | 5                           | 1,742,125        | 2,943,807                         | 1,314,003                            | 557.27                  | 1,570                 | 789     | 2,359      | 1,866           | 2,609           | 5,281,418        |
| Bread and other bakery products, . . . . .                       | 3                           | 177,179          | 135,963                           | 63,843                               | 416.18                  | 55                    | 96      | 151        | 115             | 189             | 265,374          |
| Foundry and machine-shop products, . . . . .                     | 11                          | 132,901          | 160,261                           | 47,499                               | 766.11                  | 63                    | —       | 63         | 61              | 64              | 276,532          |
|  | 3                           | 93,366           | 22,353                            | 35,353                               | 723.63                  | 53                    | —       | 53         | 51              | 55              | 93,260           |

|  | 8  | 7,903      | 7,403      | 2,867      | 409 57 | 4      | 3      | 7      | 7      | 8      |
|--|----|------------|------------|------------|--------|--------|--------|--------|--------|--------|
| Tobacco manufactures, . . . . .  | 57 | 7,465,433  | 5,870,501  | 2,354,915  | 622 00 | 2,877  | 751    | 3,038  | 3,136  | 4,085  |
| Other industries, . . . . .  |    |            |            |            |        |        |        |        |        |        |
| <b>CHICAGO.</b>  |    |            |            |            |        |        |        |        |        |        |
| Bread and other bakery products, . . . . .                                   | 33 | 19,507,148 | 13,981,408 | 4,300,408  | 561 36 | 5,668  | 3,000  | 7,662  | 6,893  | 8,711  |
| Bread and other bakery products, . . . . .                                   | 6  | 38,035     | 74,474     | 15,723     | 743 67 | 21     | -      | 31     | 20     | 21     |
| Brick and tile, . . . . .  | 4  | 114,767    | 23,325     | 41,747     | 538 44 | 79     | -      | 79     | 20     | 162    |
| Other industries, . . . . .  | 29 | 19,354,354 | 13,863,003 | 4,242,937  | 561 09 | 5,562  | 2,000  | 7,562  | 6,853  | 8,528  |
| <b>EVANSTON.</b>   |    |            |            |            |        |        |        |        |        |        |
| Bread and other bakery products, . . . . .                                   | 47 | 53,580,367 | 5,370,308  | 1,641,470  | 643 03 | 3,166  | 358    | 2,533  | 2,089  | 2,879  |
| Bread and other bakery products, . . . . .                                   | 3  | 12,375     | 22,265     | 7,875      | 715 91 | 11     | -      | 11     | 11     | 11     |
| Foundry and machine-shop products, . . . . .                                 | 4  | 139,553    | 52,530     | 41,488     | 628 61 | 66     | -      | 66     | 57     | 83     |
| Other industries, . . . . .  | 40 | 23,468,539 | 5,298,507  | 1,592,107  | 643 25 | 2,118  | 338    | 2,456  | 2,031  | 2,785  |
| <b>FALL RIVER.</b>   |    |            |            |            |        |        |        |        |        |        |
| Bread and other bakery products, . . . . .                                   | 59 | 58,140,549 | 36,609,333 | 15,724,516 | 497 38 | 20,880 | 15,913 | 36,793 | 24,107 | 39,010 |
| Bread and other bakery products, . . . . .                                   | 59 | 176,353    | 449,093    | 121,094    | 630 32 | 192    | -      | 192    | 191    | 196    |
| Copper, tin, and sheet-iron products, . . . . .                              | 5  | 42,643     | 37,722     | 26,128     | 687 58 | 38     | -      | 38     | 33     | 45     |
| Cordage and twine, . . . . .   | 4  | 73,509     | 69,519     | 23,768     | 335 04 | 55     | 16     | 71     | 69     | 73     |
| Cotton goods, . . . . .  | 43 | 67,960,405 | 28,622,457 | 12,504,771 | 415 84 | 15,662 | 14,379 | 30,071 | 28,527 | 31,157 |
| Cotton small wares, . . . . .  | 6  | 532,023    | 321,681    | 103,926    | 320 76 | 163    | 161    | 334    | 248    | 337    |
| <b>FOUNDRY AND MACHINE-SHOP PRODUCTS.</b>                                    |    |            |            |            |        |        |        |        |        |        |
| Foundry and machine-shop products, . . . . .                                 | 31 | 1,089,239  | 523,666    | 284,430    | 543 72 | 599    | 108    | 707    | 629    | 792    |
| Lumber, planing-mill products, . . . . .                                     | 5  | 128,632    | 166,259    | 42,311     | 742 30 | 57     | -      | 57     | 54     | 59     |
| Marble and stone work, . . . . .   | 4  | 77,107     | 6,253      | 40,112     | 636 70 | 63     | -      | 63     | 42     | 82     |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 6  | 20,160     | 90,596     | 9,586      | 563 38 | 15     | 2      | 17     | 16     | 18     |
| Tobacco manufactures, . . . . .  | 8  | 5,313      | 5,038      | 2,401      | 480 20 | 5      | -      | 5      | 5      | 7      |
| Other industries, . . . . .  | 53 | 18,406,105 | 6,397,397  | 2,466,043  | 469 90 | 4,001  | 1,247  | 5,248  | 4,293  | 6,224  |
| <b>TOTAL.</b>  |    |            |            |            |        |        |        |        |        |        |
|  |    | 21,001     | 10,330,235 | 3,160      | 4,085  |        |        |        |        |        |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                       | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |
| <b>FITCHBURG.</b>  | 115                         | \$20,454,558     | \$15,881,337                      | \$4,676,283                          | \$589.39                | 6,191                 | 1,634   | 8,825      | 8,808           | 9,737           | \$24,537,889     |
| Bread and other bakery products, . . . . .                   | 18                          | 43,604           | 146,106                           | 36,436                               | 628.21                  | 57                    | 1       | 58         | 55              | 60              | 246,452          |
| Confectionery, . . . . .                                     | 3                           | 17,639           | 27,331                            | 7,701                                | 641.75                  | 8                     | 4       | 12         | 11              | 14              | 50,888           |
| Cotton goods, . . . . .                                      | 6                           | 5,230,852        | 3,474,338                         | 1,268,703                            | 434.93                  | 1,528                 | 1,389   | 2,917      | 2,828           | 3,178           | 5,186,920        |
| Foundry and machine-shop products, . . . . .                 | 19                          | 1,582,977        | 822,968                           | 514,442                              | 660.39                  | 779                   | -       | 779        | 678             | 910             | 1,617,827        |
| Mineral and soda waters, . . . . .                           | 4                           | 10,776           | 7,550                             | 4,746                                | 593.25                  | 8                     | -       | 8          | 5               | 10              | 19,200           |
| <b>Tobacco manufactures, . . . . .</b>                       | 6                           | 12,005           | 11,459                            | 9,727                                | 648.47                  | 12                    | 3       | 15         | 14              | 17              | 30,187           |
| Wood, turned and carved, . . . . .                           | 3                           | 22,590           | 14,733                            | 21,253                               | 518.37                  | 41                    | -       | 41         | 37              | 49              | 58,323           |
| Other industries, . . . . .                                  | 56                          | 13,512,896       | 11,676,914                        | 2,813,275                            | 563.22                  | 3,768                 | 1,227   | 4,995      | 4,580           | 5,504           | 17,628,892       |
| <b>GLoucester.</b>   | 76                          | \$1,181,481      | \$1,187,876                       | \$45,212                             | \$78.70                 | 1,466                 | 580     | 1,976      | 1,601           | 2,484           | 7,578,694        |
| Bread and other bakery products, . . . . .                   | 3                           | 53,209           | 121,719                           | 26,516                               | 541.14                  | 40                    | 9       | 49         | 45              | 54              | 176,256          |
| Canning and preserving, . . . . .                            | 16                          | 2,984,220        | 3,543,371                         | 499,914                              | 447.95                  | 889                   | 227     | 1,116      | 918             | 1,408           | 4,737,250        |
| Clothing, men's, . . . . .                                   | 5                           | 57,370           | 79,621                            | 25,216                               | 349.66                  | 22                    | 79      | 101        | 67              | 134             | 140,381          |
| Foundry and machine-shop products, . . . . .                 | 4                           | 36,825           | 9,802                             | 12,964                               | 616.86                  | 21                    | -       | 21         | 16              | 26              | 31,648           |
| Shipbuilding, wooden, including boat-<br>building, . . . . . | 11                          | 106,516          | 30,072                            | 24,678                               | 725.82                  | 34                    | -       | 34         | 24              | 51              | 83,848           |
| <b>Tobacco manufactures, . . . . .</b>                       | 6                           | 4,075            | 9,131                             | 6,473                                | 497.92                  | 12                    | 1       | 13         | 12              | 15              | 22,769           |
| Other industries, . . . . .                                  | 31                          | 1,879,206        | 1,292,159                         | 340,061                              | 529.69                  | 433                   | 204     | 643        | 519             | 796             | 2,386,543        |

| HAWAII.  |     | 17,908,167 | 36,197,068 | 8,498,786 | 618.08 | 9,189  | 4,748 | 18,885 | 10,940 | 17,088 | 48,419,855 |
|--|-----|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Boot and shoe out stock and findings,                              | 110 | 3,748,404  | 6,983,561  | 886,245   | 519.18 | 1,318  | 389   | 1,707  | 1,283  | 2,108  | 9,417,704  |
| Boots and shoes,   | 115 | 9,880,754  | 14,842,918 | 6,496,073 | 633.89 | 6,319  | 3,929 | 10,248 | 7,544  | 12,668 | 26,183,090 |
| Brooms, paper and wooden,  | 11  | 560,337    | 644,635    | 211,108   | 545.60 | 239    | 148   | 887    | 330    | 437    | 941,794    |
| Bread and other bakery products,                                   | 10  | 45,046     | 144,095    | 27,770    | 730.79 | 37     | 1     | 38     | 38     | 41     | 231,578    |
| Cutlery and tools, not elsewhere specified,                        | 4   | 12,939     | 8,881      | 13,516    | 711.37 | 19     | -     | 19     | 16     | 19     | 40,627     |
| Foundry and machine-shop products,                                 | 6   | 78,193     | 28,439     | 47,623    | 768.11 | 63     | -     | 63     | 49     | 76     | 111,433    |
| Mineral and soda waters,   | 3   | 9,427      | 11,486     | 5,896     | 655.11 | 9      | -     | 9      | 4      | 15     | 27,200     |
| Models and patterns, not including paper patterns,                 | 7   | 37,096     | 16,305     | 29,763    | 783.34 | 38     | -     | 38     | 29     | 47     | 86,820     |
| Printing and publishing,   | 4   | 17,392     | 7,346      | 12,010    | 545.91 | 18     | 4     | 22     | 18     | 24     | 35,050     |
| Tobacco manufactures,  | 4   | 8,393      | 5,577      | 4,139     | 459.89 | 8      | 1     | 9      | 8      | 11     | 13,884     |
| Other industries,  | 36  | 3,306,276  | 3,603,626  | 764,643   | 569.09 | 1,072  | 274   | 1,346  | 921    | 1,619  | 5,324,185  |
| HOLYOKA.   |     | 41,465,140 | 26,687,715 | 9,390,308 | 538.57 | 10,005 | 7,687 | 17,633 | 16,136 | 19,065 | 46,693,180 |
| Bookbinding and blank-book making,                                 | 4   | 1,082,538  | 724,911    | 380,884   | 553.59 | 448    | 258   | 706    | 671    | 728    | 1,499,513  |
| Bread and other bakery products,                                   | 16  | 123,265    | 223,841    | 57,392    | 765.23 | 75     | -     | 75     | 73     | 76     | 367,610    |
| Foundry and machine-shop products,                                 | 13  | 2,705,038  | 768,797    | 811,315   | 690.40 | 1,156  | 19    | 1,175  | 994    | 1,348  | 2,087,196  |
| Lumber, planing-mill products,                                     | 4   | 265,371    | 448,531    | 157,634   | 710.06 | 222    | -     | 223    | 180    | 251    | 766,551    |
| Paper and wood pulp,   | 22  | 13,636,252 | 8,300,732  | 2,486,941 | 538.77 | 2,800  | 1,516 | 4,616  | 4,141  | 4,995  | 13,706,646 |
| Paper goods, not elsewhere specified,                              | 4   | 1,103,167  | 1,321,587  | 254,980   | 532.32 | 340    | 139   | 479    | 452    | 506    | 1,867,746  |
| Sausage, not made in slaughtering and meat-packing establishments, | 3   | 4,930      | 30,892     | 6,140     | 682.22 | 9      | -     | 9      | 8      | 9      | 60,688     |
| Stationery goods, not elsewhere specified,                         | 6   | 1,114,940  | 786,138    | 259,966   | 450.55 | 312    | 265   | 577    | 506    | 641    | 1,506,035  |
| Tobacco manufactures,  | 13  | 69,746     | 39,703     | 36,446    | 552.21 | 50     | 16    | 66     | 60     | 72     | 111,117    |
| Other industries,  | 47  | 21,277,203 | 14,036,553 | 4,928,760 | 507.75 | 4,593  | 5,114 | 9,707  | 9,051  | 10,439 | 23,616,068 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |        | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|--------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |        |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females |                 | Both Sexes      |        |                  |
|  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| LAWRENCE.  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| Bread and other bakery products, . . .                                   | 129                         | \$90,437,738     | \$42,915,080                      | \$13,886,514                         | \$474.74                | 18,960                | 10,991  | 29,951          | 14,454          | 34,651 | \$70,315,376     |
| Carriages and wagons and materials, . .                                  | 25                          | 156,352          | 281,488                           | 65,512                               | 682.42                  | 92                    | 4       | 96              | 86              | 107    | 495,685          |
| Cotton goods, . . . . .  | 6                           | 381,154          | 186,040                           | 100,372                              | 669.15                  | 150                   | -       | 150             | 130             | 162    | 391,020          |
| Foundry and machine-shop products, . .                                   | 5                           | 10,545,808       | 4,069,577                         | 2,022,576                            | 427.79                  | 2,577                 | 2,151   | 4,728           | 2,195           | 5,649  | 7,065,276        |
| Sausage, not made in slaughtering and meat-packing establishments, . . . | 18                          | 1,255,831        | 718,857                           | 470,410                              | 606.20                  | 695                   | 81      | 776             | 683             | 878    | 1,568,018        |
| Tobacco manufactures, . . . . .  | 3                           | 24,050           | 108,450                           | 6,394                                | 710.44                  | 9                     | -       | 9               | 8               | 9      | 151,700          |
| Woolen and worsted goods, . . . . .                                      | 4                           | 3,235            | 7,939                             | 8,321                                | 594.36                  | 13                    | 1       | 14              | 10              | 16     | 24,395           |
| Other industries, . . . . .  | 13                          | 66,672,999       | 29,325,860                        | 8,928,232                            | 464.58                  | 11,274                | 7,944   | 19,218          | 7,760           | 22,905 | 48,346,032       |
| LOWELL.  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| Boots and shoes, . . . . .   | 239                         | 57,414,649       | 31,794,009                        | 13,774,880                           | 445.05                  | 17,980                | 13,031  | 30,951          | 22,775          | 34,824 | 56,690,584       |
| Boxes, fancy and paper . . . . .   | 11                          | 1,392,066        | 2,539,457                         | 776,161                              | 452.84                  | 1,121                 | 593     | 1,714           | 1,304           | 2,031  | 3,821,228        |
| Boxes, wooden packing . . . . .  | 4                           | 269,691          | 124,301                           | 121,285                              | 525.04                  | 164                   | 127     | 231             | 192             | 275    | 354,359          |
| Bread and other bakery products, . . .                                   | 7                           | 388,830          | 526,349                           | 129,456                              | 490.36                  | 264                   | -       | 264             | 225             | 294    | 725,030          |
| Confectionery, . . . . .   | 34                          | 170,039          | 422,213                           | 118,397                              | 643.46                  | 166                   | 18      | 184             | 173             | 191    | 712,413          |
| Copper, tin, and sheet-iron products, .                                  | 3                           | 4,085            | 7,425                             | 4,108                                | 586.86                  | 7                     | -       | 7               | 6               | 10     | 20,000           |
| Cotton goods, . . . . .  | 6                           | 30,353           | 22,852                            | 25,417                               | 619.93                  | 41                    | -       | 41              | 28              | 51     | 72,467           |
|  | 8                           | 27,018,704       | 12,843,616                        | 5,657,866                            | 421.44                  | 7,299                 | 6,126   | 13,425          | 7,711           | 14,806 | 22,943,576       |

|  | 3   | 49,006     | 48,118     | 16,484     | 410 85 | 22     | 18    | 40     | 23     | 44     | 88,090     |
|--|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Cotton small wares, . . . . .  | 26  | 3,248,496  | 1,064,971  | 1,023,964  | 483 44 | 2,097  | 21    | 2,118  | 1,449  | 2,901  | 2,300,219  |
| Foundry and machine-shop products, . . . . .                             | 8   | 229,968    | 137,190    | 67,100     | 677 78 | 90     | -     | 99     | 70     | 120    | 255,708    |
| Lumber, planing-mill products, . . . . .                                 |     |            |            |            |        |        |       |        |        |        |            |
| Patent medicines and compounds and<br>druggists' preparations, . . . . . | 4   | 1,133,196  | 396,966    | 91,629     | 484 81 | 113    | 76    | 189    | 129    | 371    | 1,045,133  |
| Tobacco manufactures, . . . . .  | 9   | 37,049     | 19,825     | 13,173     | 598 77 | 21     | 1     | 22     | 22     | 25     | 50,216     |
| Woolen and worsted goods, . . . . .                                      | 10  | 4,166,560  | 2,753,028  | 1,053,326  | 460 96 | 1,066  | 1,198 | 2,284  | 2,074  | 2,448  | 4,000,593  |
| Other industries, . . . . .  | 97  | 19,276,396 | 10,902,966 | 4,679,064  | 452 83 | 5,480  | 4,853 | 10,353 | 9,359  | 11,267 | 19,700,682 |
| <b>LYNN.</b>   |     |            |            |            |        |        |       |        |        |        |            |
| Blacking, . . . . .  | 977 | 56,968,365 | 44,736,338 | 19,607,798 | 652 49 | 20,437 | 8,983 | 29,480 | 23,459 | 34,409 | 80,544,498 |
| Boot and shoe cut stock and findings, . . . . .                          | 13  | 167,492    | 314,920    | 44,182     | 788 96 | 51     | 5     | 56     | 54     | 63     | 646,415    |
| Boots and shoes, . . . . .   | 88  | 4,435,942  | 10,605,834 | 980,773    | 822 03 | 1,355  | 428   | 1,783  | 1,304  | 2,232  | 13,286,655 |
| Boxes, fancy and paper . . . . .   | 113 | 15,043,379 | 19,231,018 | 9,693,560  | 677 74 | 8,264  | 5,906 | 14,170 | 10,357 | 17,117 | 35,511,992 |
| Boxes, wooden packing . . . . .  | 4   | 191,248    | 194,416    | 103,424    | 833 11 | 79     | 116   | 194    | 168    | 225    | 420,816    |
|  | 3   | 235,045    | 255,251    | 111,798    | 805 87 | 121    | 100   | 221    | 208    | 242    | 468,951    |
| Bread and other bakery products, . . . . .                               | 19  | 184,929    | 361,412    | 104,798    | 703 34 | 140    | 9     | 149    | 144    | 152    | 612,918    |
| Confectionery, . . . . .   | 3   | 35,347     | 36,008     | 7,747      | 896 92 | 10     | 3     | 13     | 8      | 21     | 53,787     |
| Cutlery and tools, not elsewhere specified, . . . . .                    | 5   | 39,073     | 12,380     | 27,451     | 857 84 | 32     | -     | 32     | 32     | 37     | 62,043     |
| Foundry and machine-shop products, . . . . .                             | 21  | 706,263    | 174,585    | 221,871    | 724 67 | 302    | -     | 302    | 238    | 847    | 610,434    |
| Lasts, . . . . .   | 6   | 200,232    | 136,416    | 142,984    | 816 77 | 175    | -     | 175    | 148    | 201    | 446,286    |
| Leather, tanned, curried, and finished, . . . . .                        | 9   | 2,654,286  | 3,353,187  | 438,197    | 477 86 | 901    | 16    | 917    | 695    | 1,100  | 4,524,683  |
| Lumber, planing-mill products, . . . . .                                 | 5   | 247,356    | 243,070    | 87,360     | 721 90 | 121    | -     | 121    | 96     | 137    | 410,321    |
| Mineral and soda waters, . . . . .                                       | 3   | 47,003     | 13,629     | 8,876      | 591 78 | 15     | -     | 15     | 9      | 25     | 44,894     |
| Models and patterns, not including paper<br>patterns, . . . . .          | 13  | 116,896    | 47,297     | 75,648     | 713 66 | 99     | 7     | 106    | 62     | 165    | 217,310    |
| Printing and publishing, . . . . .                                       | 12  | 287,129    | 137,006    | 84,967     | 602 60 | 99     | 42    | 141    | 107    | 165    | 314,312    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                       | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |  |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|--|
|  |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |  |
|  |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |  |
|  |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| LYNN — Concluded.                            |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Tobacco manufactures, . . . . .              | 4  | \$3,660             | \$3,835                                       | \$3,340  | \$835.00                      | 4                     | -       | 4             | 4                  | 6                  | \$10,440            |  |
| Other industries, . . . . .                  | 56   | 11,324,085          | 9,616,974                                     | 6,610,862  | 599.84                        | 8,719                 | 2,302   | 11,021        | 9,805              | 12,174             | 22,902,221          |  |
| MALDEN.                                      |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| All industries, . . . . .                    | 56   | 7,145,643           | 4,154,638                                     | 1,407,477  | 504.83                        | 1,353                 | 1,436   | 2,788         | 2,549              | 3,051              | 8,063,194           |  |
|  | 56   | 7,145,643           | 4,154,638                                     | 1,407,477  | 504.83                        | 1,352                 | 1,436   | 2,788         | 2,546              | 3,051              | 8,063,194           |  |
| MARLBOROUGH.                                 |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| All industries, . . . . .                    | 37   | 2,600,280           | 5,153,907                                     | 1,885,373  | 585.91                        | 2,480                 | 1,165   | 3,645         | 2,970              | 4,167              | 8,858,371           |  |
|  | 37   | 2,600,280           | 5,153,907                                     | 1,885,373  | 535.91                        | 2,420                 | 1,165   | 3,585         | 2,970              | 4,167              | 8,268,371           |  |
| MEDFORD.                                     |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| All industries, . . . . .                    | 25   | 1,908,507           | 1,695,585                                     | 568,861  | 634.37                        | 515                   | 59      | 572           | 480                | 711                | 2,476,214           |  |
|  | 25   | 1,908,507           | 1,695,585                                     | 568,861  | 634.37                        | 513                   | 59      | 572           | 420                | 711                | 2,476,214           |  |
| MELROSE.                                     |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| All industries, . . . . .                    | 16   | 2,932,314           | 1,549,039                                     | 506,743  | 491.98                        | 481                   | 549     | 1,030         | 893                | 1,138              | 2,716,488           |  |
|  | 16   | 2,932,314           | 1,549,039                                     | 506,743  | 491.98                        | 481                   | 549     | 1,030         | 893                | 1,138              | 2,716,488           |  |
| NEW BEDFORD.                                 |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Bread and other bakery products, . . . . .   | 168  | 84,465,240          | 36,863,251                                    | 15,493,245                                       | 435.69                        | 19,194                | 18,837  | 38,031        | 24,918             | 35,538             | 59,233,994          |  |
| Cotton goods, . . . . .                      | 41   | 507,906             | 677,394                                       | 182,013  | 524.55                        | 279                   | 68      | 347           | 293                | 393                | 1,112,539           |  |
| Foundry and machine-shop products, . . . . . | 30   | 76,444,322          | 28,759,379                                    | 12,063,666                                       | 405.65                        | 15,315                | 11,981  | 27,196        | 20,671             | 30,266             | 46,899,676          |  |
| Lumber, planing-mill products, . . . . .     | 15   | 325,473             | 184,151                                       | 195,809  | 654.58                        | 275                   | 24      | 299           | 264                | 340                | 471,841             |  |
| Monuments and tombstones, . . . . .          | 5  | 87,438              | 129,899                                       | 43,394   | 647.87                        | 67                    | -       | 67            | 62                 | 70                 | 207,275             |  |
|  | 4  | 18,406              | 8,453   | 6,616  | 827.00                        | 8                     | -       | 8             | 7                  | 8                  | 22,552              |  |

| Oil, not elsewhere specified,<br>Sausage, not made in slaughtering and<br>meat-packing establishments,<br>Tobacco manufactures,<br>Other industries, | 3  | 603,951    | 726,900   | 36,326    | 496.25 | 64    | 9     | 73    | 66    | 77    | 899,697    |
|--|----|------------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
|  |    |            |           |           |        |       |       |       |       |       |            |
| NEWBURYPORT.   |    |            |           |           |        |       |       |       |       |       |            |
| Boots and shoes,   | 49 | 6,961,466  | 4,631,070 | 1,807,701 | 536.14 | 2,949 | 1,136 | 3,576 | 2,631 | 4,164 | 8,039,735  |
| Bones, fancy and paper   | 10 | 1,790,841  | 1,960,143 | 1,084,665 | 550.06 | 1,115 | 766   | 1,831 | 1,434 | 2,398 | 3,774,968  |
| Bread and other bakery products,   | 3  | 27,530     | 25,944    | 22,633    | 437.96 | 17    | 36    | 63    | 50    | 59    | 53,592     |
| Other industries,  | 29 | 4,262,963  | 2,371,446 | 711,230   | 521.05 | 1,067 | 298   | 1,365 | 1,278 | 1,637 | 3,862,503  |
| NEWTON.  |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products,   | 40 | 7,394,739  | 3,547,089 | 1,839,470 | 536.33 | 1,716 | 723   | 2,439 | 2,335 | 2,690 | 5,924,559  |
| Lumber, planing-mill products,   | 6  | 11,025     | 31,186    | 6,587     | 731.80 | 9     | -     | 9     | 8     | 10    | 53,377     |
| Other industries,  | 29 | 7,022,900  | 3,318,537 | 1,170,037 | 509.15 | 1,575 | 723   | 2,298 | 2,113 | 2,510 | 5,490,353  |
| NORTH ADAMS.   |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products,   | 44 | 12,736,080 | 6,096,947 | 2,745,735 | 517.69 | 3,543 | 1,781 | 5,339 | 4,770 | 5,859 | 10,744,377 |
| Foundry and machine-shop products,   | 7  | 241,071    | 461,317   | 84,581    | 402.77 | 117   | 93    | 210   | 207   | 214   | 710,083    |
| Tobacco manufactures,  | 5  | 371,017    | 125,960   | 126,310   | 657.05 | 192   | 1     | 168   | 170   | 209   | 386,237    |
| Woolen and worsted goods,  | 8  | 20,900     | 24,764    | 26,253    | 601.23 | 43    | 4     | 47    | 41    | 61    | 79,035     |
| Other industries,  | 20 | 10,318,407 | 3,917,551 | 2,006,943 | 514.05 | 2,619 | 1,265 | 3,904 | 3,432 | 4,305 | 6,920,001  |
| NORTHAMPTON.   |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products,   | 20 | 7,319,698  | 4,430,336 | 1,933,473 | 541.75 | 2,337 | 1,977 | 3,604 | 3,233 | 3,903 | 8,335,736  |
| Cutlery and tools, not elsewhere specified,  | 9  | 79,932     | 139,445   | 29,923    | 696.00 | 43    | -     | 43    | 39    | 45    | 225,074    |
| Tobacco manufactures,  | 4  | 533,136    | 197,600   | 301,185   | 614.66 | 478   | 17    | 490   | 435   | 513   | 687,376    |
| Other industries,  | 31 | 7,193,073  | 4,070,194 | 1,910,013 | 527.18 | 1,794 | 1,900 | 3,064 | 2,733 | 3,366 | 7,414,317  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| PITTSFIELD.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Bread and other bakery products, . . . . .            | 44   | \$15,929,307        | \$9,723,727                                   | \$5,329,719                                      | \$645.24                      | 6,125                 | 2,155   | 3,860              | 7,566              | 9,076               | \$30,580,024  |
| Lumber, planing-mill products, . . . . .              | 9  | 72,214              | 117,677                                       | 29,537   | 820.19                        | 36                    | -       | 36                 | 36                 | 38                  | 199,214       |
| Woolen and worsted goods, . . . . .                   | 4  | 113,947             | 40,573  | 33,453   | 929.25                        | 36                    | -       | 36                 | 32                 | 41                  | 108,476       |
| Other industries, . . . . .                           | 6  | 2,810,078           | 2,129,103                                     | 1,075,238  | 514.71                        | 1,373                 | 716     | 2,089              | 1,990              | 2,368               | 3,374,196     |
|   | 25   | 10,933,068          | 7,436,374                                     | 4,191,501  | 637.24                        | 4,680                 | 1,419   | 6,099              | 5,578              | 6,629               | 16,398,139    |
| QUINCY.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Cutlery and tools, not elsewhere specified, . . . . . | 160  | 11,900,449          | 8,030,372                                     | 4,239,451  | 676.67                        | 5,779                 | 467     | 6,246              | 5,277              | 7,086               | 14,400,063    |
| Foundry and machine-shop products, . . . . .          | 4  | 49,135              | 25,117  | 14,976   | 651.13                        | 23                    | -       | 23                 | 18                 | 27                  | 59,140        |
| Marble and stone work, . . . . .                      | 6  | 1,283,268           | 146,645                                       | 186,982  | 705.59                        | 265                   | -       | 265                | 219                | 318                 | 550,474       |
| Monuments and tombstones, . . . . .                   | 20   | 1,219,833           | 139,425                                       | 318,371  | 736.42                        | 433                   | -       | 433                | 328                | 496                 | 744,095       |
| Other industries, . . . . .                           | 95   | 1,338,758           | 594,391                                       | 833,678  | 786.49                        | 1,060                 | -       | 1,060              | 815                | 1,303               | 2,241,224     |
|   | 25   | 8,009,435           | 7,124,794                                     | 2,871,944  | 643.21                        | 3,998                 | 467     | 4,465              | 3,897              | 4,942               | 10,805,129    |
| SALEM.  |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Boot and shoe cut stock and findings, . . . . .       | 140  | 9,361,433           | 18,134,099                                    | 3,457,714  | 494.60                        | 4,670                 | 2,331   | 6,991              | 5,971              | 8,043               | 19,037,759    |
| Boots and shoes, . . . . .                            | 28   | 432,881             | 780,561                                       | 242,807  | 385.41                        | 347                   | 283     | 630                | 537                | 763                 | 1,243,129     |
| Bread and other bakery products, . . . . .            | 13   | 2,681,531           | 4,418,958                                     | 1,364,150  | 481.69                        | 1,706                 | 1,126   | 2,832              | 2,389              | 3,224               | 6,703,274     |
| Foundry and machine-shop products, . . . . .          | 14   | 56,404              | 170,397                                       | 38,037   | 717.63                        | 50                    | 3       | 53                 | 47                 | 53                  | 296,458       |
| Leather, tanned, curried, and finished, . . . . .     | 16   | 305,670             | 163,569                                       | 121,058  | 738.16                        | 161                   | 3       | 164                | 131                | 190                 | 411,341       |
|   | 24   | 2,717,797           | 4,405,275                                     | 793,258  | 594.57                        | 1,330                 | 27      | 1,357              | 1,058              | 1,679               | 5,847,409     |
| Lumber, planing-mill products, . . . . .              |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Mineral and soda waters, . . . . .                    | 5  | 128,235             | 198,498                                       | 48,638   | 685.04                        | 71                    | -       | 71                 | 65                 | 78                  | 329,903       |
|   | 3  | 27,200              | 7,400   | 8,855  | 681.15                        | 13                    | -       | 13                 | 11                 | 17                  | 35,269        |

|   |          |               |              |               |               |           |          |           |          |           |               |
|---|----------|---------------|--------------|---------------|---------------|-----------|----------|-----------|----------|-----------|---------------|
| Steam fittings and heating apparatus, . . . . .                     | 3        | 86,864        | 36,884       | 40,300        | 719.64        | 56        | -        | 56        | 44       | 66        | 128,304       |
| Other industries, . . . . .   | 34       | 3,434,801     | 1,997,327    | 800,811       | 441.11        | 936       | 879      | 1,815     | 1,689    | 1,968     | 4,043,172     |
| <b>SOMERVILLE.</b>  |          |               |              |               |               |           |          |           |          |           |               |
| Bread and other bakery products, . . . . .                          | 26       | 18,535,775    | 87,519,444   | 5,198,801     | 588.68        | 5,490     | 341      | 5,831     | 5,918    | 6,575     | 45,195,009    |
| Confectionery, . . . . .  | 20       | 183,345       | 235,930      | 73,023        | 580.83        | 88        | 36       | 124       | 130      | 138       | 466,763       |
| Other industries, . . . . .   | 3        | 7,066         | 43,835       | 9,078         | 349.15        | 5         | 31       | 26        | 22       | 31        | 61,496        |
|   | 72       | 18,146,432    | 87,043,679   | 3,231,200     | 589.95        | 5,397     | 284      | 5,981     | 5,076    | 6,416     | 44,896,750    |
| <b>SPRINGFIELD.</b>   |          |               |              |               |               |           |          |           |          |           |               |
| Automobiles, including bodies and parts, . . . . .                  | 253      | 54,636,967    | 80,400,444   | 8,571,568     | 633.49        | 10,193    | 3,634    | 13,717    | 11,333   | 15,916    | 40,899,281    |
| Brass and bronze products, . . . . .                                | 6        | 2,611,247     | 523,355      | 740,099       | 925.09        | 789       | 11       | 800       | 464      | 1,178     | 2,053,414     |
| Bread and other bakery products, . . . . .                          | 6        | 331,965       | 386,750      | 145,704       | 660.54        | 103       | 18       | 211       | 157      | 235       | 636,717       |
| Carriages and wagons and materials, . . . . .                       | 19       | 423,510       | 583,666      | 163,389       | 692.33        | 202       | 34       | 236       | 211      | 261       | 1,078,511     |
| Copper, tin, and sheet-iron products, . . . . .                     | 5        | 96,794        | 63,368       | 47,491        | 730.63        | 63        | 3        | 65        | 45       | 91        | 152,005       |
|   | 3        | 38,197        | 20,200       | 34,672        | 663.44        | 50        | -        | 50        | 40       | 53        | 97,450        |
| Foundry and machine-shop products, . . . . .                        | 30       | 4,733,206     | 1,183,831    | 940,997       | 687.86        | 1,357     | 11       | 1,368     | 1,203    | 1,594     | 3,275,221     |
| Hardware, . . . . .   | 4        | 373,051       | 107,243      | 145,808       | 615.32        | 225       | 3        | 237       | 152      | 312       | 362,220       |
| Hosiery and knit goods, . . . . .                                   | 4        | 721,147       | 378,014      | 164,446       | 410.09        | 71        | 330      | 401       | 375      | 444       | 737,306       |
| Lumber, planing-mill products, . . . . .                            | 6        | 261,971       | 301,030      | 87,348        | 734.02        | 119       | -        | 119       | 97       | 142       | 489,982       |
| Mineral and soda waters, . . . . .                                  | 5        | 48,497        | 30,371       | 10,564        | 669.63        | 16        | -        | 16        | 10       | 26        | 73,010        |
| <b>Models and patterns, not including paper patterns, . . . . .</b> | <b>4</b> | <b>12,475</b> | <b>3,728</b> | <b>17,178</b> | <b>904.11</b> | <b>19</b> | <b>-</b> | <b>19</b> | <b>9</b> | <b>27</b> | <b>38,603</b> |
| Paper goods, not elsewhere specified, . . . . .                     | 8        | 1,412,805     | 1,004,320    | 285,551       | 478.09        | 280       | 311      | 591       | 521      | 632       | 1,749,770     |
| Printing and publishing, . . . . .                                  | 11       | 2,559,594     | 627,474      | 399,327       | 664.44        | 447       | 154      | 601       | 545      | 646       | 1,817,302     |
| Tobacco manufactures, . . . . .                                     | 26       | 363,871       | 315,957      | 340,923       | 732.83        | 271       | 200      | 471       | 381      | 535       | 833,786       |
| Other industries, . . . . .   | 115      | 20,579,607    | 14,697,189   | 5,155,409     | 604.24        | 6,082     | 2,480    | 8,532     | 7,092    | 9,719     | 27,303,625    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |       |                    |                    | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|-------|--------------------|--------------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         |       | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |   |  |                               | Both<br>Sexes         |         |       |                    |                    |                     |
|   |  |                     |   |  |                               | Males                 | Females |       |                    |                    |                     |
| TAUNTON.  |  |                     |   |  |                               |                       |         |       |                    |                    |                     |
| Bread and other bakery products, . . . . .                          | 22   | \$15,321,143        | \$3,303,472                                   | \$2,353,317                                      | \$564.84                      | 5,110                 | 1,766   | 6,876 | 6,340              | 7,461              | \$15,767,316        |
| Cotton goods, . . . . .   | 10   | 77,922              | 154,970                                       | 36,663   | 691.75                        | 53                    | -       | 53    | 53                 | 54                 | 245,888             |
| Foundry and machine-shop products, . . . . .                        | 7  | 5,461,999           | 2,776,830                                     | 1,182,935  | 463.17                        | 1,370                 | 1,184   | 2,554 | 2,436              | 2,606              | 4,433,298           |
| Pottery, terra-cotta, and fire-clay products, . . . . .             | 10   | 2,831,352           | 676,338                                       | 595,084  | 624.42                        | 933                   | 5       | 938   | 818                | 1,061              | 1,621,632           |
| Stoves and furnaces, not including gas and<br>oil stoves, . . . . . | 4  | 211,669             | 92,280  | 86,953   | 575.86                        | 151                   | -       | 151   | 140                | 180                | 233,091             |
| Tobacco manufactures, . . . . .                                     | 6  | 947,182             | 353,005                                       | 645,849  | 804.30                        | 800                   | 3       | 803   | 752                | 852                | 1,751,749           |
| Other industries, . . . . .   | 8  | 16,611              | 20,323  | 12,076   | 453.04                        | 18                    | 7       | 25    | 22                 | 26                 | 45,702              |
|   | 47   | 5,774,393           | 4,129,646                                     | 1,224,257  | 563.03                        | 1,786                 | 567     | 2,352 | 2,120              | 2,592              | 7,480,906           |
| WATFOLM.  |  |                     |   |  |                               |                       |         |       |                    |                    |                     |
| Bread and other bakery products, . . . . .                          | 58   | 16,607,651          | \$,471,923                                    | \$,976,859                                       | 568.77                        | 4,363                 | 2,689   | 6,992 | 6,385              | 7,567              | 9,760,793           |
| Foundry and machine-shop products, . . . . .                        | 6  | 81,063              | 155,957                                       | 33,737   | 733.41                        | 46                    | -       | 46    | 42                 | 48                 | 250,041             |
| Tobacco manufactures, . . . . .                                     | 7  | 490,897             | 186,396                                       | 230,116  | 674.83                        | 324                   | 7       | 341   | 268                | 431                | 521,171             |
| Watch and clock materials, . . . . .                                | 3  | 1,759               | 6,631   | 5,049  | 731.29                        | 6                     | 1       | 7     | 6                  | 8                  | 16,118              |
| Other industries, . . . . .   | 4  | 96,145              | 33,339  | 66,967   | 613.75                        | 54                    | 60      | 114   | 98                 | 129                | 167,906             |
|   | 38   | 15,967,792          | 3,667,959                                     | 3,637,990  | 561.07                        | 3,923                 | 2,561   | 6,484 | 5,971              | 6,961              | 8,905,557           |
| WOBURN.   |  |                     |   |  |                               |                       |         |       |                    |                    |                     |
| Boot and shoe cut stock and findings, . . . . .                     | 44   | \$,453,251          | \$,708,981                                    | 876,231  | 698.25                        | 1,393                 | 85      | 1,478 | 1,169              | 1,319              | \$,975,787          |
| Bread and other bakery products, . . . . .                          | 4  | 102,899             | 82,093  | 37,965   | 417.20                        | 50                    | 41      | 91    | 74                 | 119                | 173,600             |
|   | 5  | 10,325              | 24,337  | 6,653  | 739.11                        | 9                     | -       | 9     | 9                  | 9                  | 67,430              |

|   |     |            |            |            |        |        |       |        |        |        |            |
|---|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Leather, tanned, curried, and finished,                               | 17  | 6,223,075  | 2,414,796  | 525,083    | 593.95 | 879    | 5     | 884    | 673    | 1,135  | 3,477,367  |
| Other industries, . . . . .   | 18  | 1,921,953  | 1,177,831  | 306,561    | 690.37 | 455    | 39    | 494    | 444    | 556    | 2,227,400  |
| Worcester.  |     |            |            |            |        |        |       |        |        |        |            |
| Boots and shoes, . . . . .  | 447 | 73,249,957 | 43,697,666 | 18,401,919 | 604.41 | 20,094 | 7,353 | 30,446 | 36,438 | 24,728 | 86,318,716 |
| Brass and bronze products, . . . . .                                  | 7   | 1,418,990  | 1,556,361  | 540,343    | 581.64 | 537    | 402   | 929    | 692    | 1,058  | 2,633,012  |
| Bread and other bakery products, . . . . .                            | 5   | 36,796     | 50,796     | 15,347     | 767.35 | 30     | -     | 20     | 17     | 23     | 95,987     |
| Carriages and wagons and materials, . . . . .                         | 47  | 453,015    | 883,007    | 230,506    | 644.75 | 233    | 89    | 342    | 324    | 370    | 1,407,888  |
| Clothing, men's . . . . .   | 6   | 90,818     | 30,866     | 31,574     | 717.59 | 44     | -     | 44     | 39     | 49     | 95,489     |
| Clothing, women's . . . . .   | 12  | 263,674    | 401,109    | 110,374    | 457.57 | 99     | 142   | 241    | 214    | 269    | 623,243    |
| Copper, tin, and sheet-iron products, . . . . .                       | 16  | 913,278    | 932,712    | 395,429    | 399.02 | 163    | 828   | 991    | 737    | 1,149  | 1,747,342  |
| Cutlery and tools, not elsewhere specified, . . . . .                 | 11  | 406,721    | 190,969    | 146,723    | 547.51 | 197    | 71    | 268    | 237    | 309    | 496,377    |
| Electrical machinery, apparatus, and supplies, . . . . .              | 13  | 770,629    | 265,356    | 298,036    | 632.77 | 435    | 36    | 471    | 439    | 504    | 833,353    |
| Electroplating, . . . . .   | 4   | 126,418    | 110,431    | 58,127     | 505.45 | 76     | 39    | 115    | 74     | 160    | 225,352    |
| Foundry and machine-shop products, . . . . .                          | 3   | 7,431      | 4,661      | 12,356     | 514.33 | 23     | 2     | 24     | 16     | 29     | 28,618     |
| Lumber, planing-mill products, . . . . .                              | 72  | 13,647,520 | 4,459,819  | 3,730,932  | 659.99 | 5,617  | 26    | 5,653  | 4,890  | 6,499  | 11,480,800 |
| Models and patterns, not including paper patterns, . . . . .          | 6   | 345,995    | 383,551    | 208,763    | 729.94 | 286    | -     | 286    | 255    | 321    | 770,068    |
| Monuments and tombstones, . . . . .                                   | 3   | 21,778     | 19,668     | 31,729     | 812.56 | 39     | -     | 39     | 29     | 49     | 65,961     |
| Musical instruments, pianos and organs, and materials, . . . . .      | 3   | 100,123    | 15,163     | 35,063     | 762.24 | 46     | -     | 46     | 23     | 64     | 68,937     |
| Patent medicines and compounds and druggists' preparations, . . . . . | 3   | 443,907    | 253,030    | 157,897    | 569.33 | 284    | 46    | 230    | 238    | 409    | 537,378    |
| Printing and publishing, . . . . .                                    | 6   | 172,246    | 57,328     | 70,548     | 784.96 | 87     | 9     | 96     | 95     | 110    | 280,269    |
|   | 3   | 135,566    | 64,432     | 27,631     | 412.40 | 26     | 41    | 67     | 64     | 68     | 132,453    |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Concluded.

| CITIES AND INDUSTRIES.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |            | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|------------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |            |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females |                 |                 | Both Sexes |                  |
| WORCESTER — Concluded.   |                             |                  |                                   |                                      |                         |                       |         |                 |                 |            |                  |
| Sausage, not made in slaughtering and meat-packing establishments, . . . | 5                           | \$74,990         | \$205,847                         | \$30,436                             | \$742.34                | 41                    | -       | 41              | 38              | 43         | \$259,693        |
| Suspenders, garters, and elastic woven goods, . . . . .                  | 5                           | 199,106          | 268,041                           | 64,853                               | 379.26                  | 25                    | 146     | 171             | 142             | 213        | 411,580          |
| Tobacco manufactures, . . . . .  | 17                          | 53,499           | 48,637                            | 29,043                               | 605.06                  | 35                    | 13      | 48              | 46              | 52         | 112,707          |
| Wirework, including wire rope and cable, . . . . .                       | 10                          | 1,314,160        | 1,245,466                         | 488,660                              | 504.29                  | 785                   | 184     | 969             | 804             | 1,125      | 2,336,854        |
| Wooden goods, not elsewhere specified, . . . . .                         | 5                           | 102,269          | 58,720                            | 22,496                               | 562.15                  | 38                    | 2       | 40              | 34              | 46         | 124,267          |
| Woolen and worsted goods, . . . . .                                      | 12                          | 3,164,103        | 3,187,797                         | 797,375                              | 469.00                  | 812                   | 886     | 1,698           | 1,552           | 1,805      | 4,762,073        |
| Other industries, . . . . .  | 172                         | 48,472,566       | 23,969,814                        | 10,847,778                           | 619.27                  | 13,137                | 4,380   | 17,517          | 15,269          | 20,004     | 56,867,604       |
| TOTAL FOR THE 33 CITIES, . . . . .                                       | 6,067                       | \$919,763,665    | \$630,134,782                     | \$841,807,575                        | \$653.68                | \$92,683              | 144,045 | \$96,786        | \$57,280        | \$96,371   | \$1,163,466,886  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.  
C. METROPOLITAN BOSTON: BY INDUSTRIES.

| Industries.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested  | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |               |                |                    |                    | Value of<br>Product  |
|--|--|----------------------|---|--|-------------------------------|-----------------------|---------------|----------------|--------------------|--------------------|----------------------|
|  |  |                      |   |  |                               | Average Number        |               |                | Smallest<br>Number | Greatest<br>Number |                      |
|  |  |                      |   |  |                               | Males                 | Females       | Both<br>Sexes  |                    |                    |                      |
|  |  |                      |   |  |                               |                       |               |                |                    |                    |                      |
| <b>METROPOLITAN BOSTON.</b>                        | <b>3,507</b>                               | <b>\$354,153,062</b> | <b>\$320,468,150</b>                          | <b>\$102,820,146</b>                             | <b>\$690.33</b>               | <b>119,815</b>        | <b>51,457</b> | <b>171,272</b> | <b>145,196</b>     | <b>197,097</b>     | <b>\$645,310,724</b> |
| Artificial stone, . . . . .                        | 11   | 284,076              | 82,913  | 151,217  | 844.79                        | 179                   | -             | 179            | 122                | 237                | 333,631              |
| Automobiles, including bodies and parts, . . . . . | 23   | 1,844,935            | 1,685,224                                     | 698,637  | 691.04                        | 1,001                 | 10            | 1,011          | 823                | 1,187              | 3,133,946            |
| Awnings, tents, and sails, . . . . .               | 21   | 191,958              | 312,761                                       | 140,377  | 629.49                        | 134                   | 89            | 223            | 156                | 329                | 635,189              |
| Baskets, and rattan and willow ware, . . . . .     | 6  | 23,970               | 26,556  | 16,792   | 508.85                        | 31                    | 2             | 33             | 31                 | 37                 | 67,815               |
| Belting and hose, leather . . . . .                | 4  | 310,454              | 651,228                                       | 37,664   | 672.57                        | 49                    | 7             | 56             | 54                 | 58                 | 846,750              |
| Belting and hose, woven . . . . .                  | 4  | 537,222              | 490,372                                       | 75,740   | 544.89                        | 77                    | 62            | 139            | 126                | 154                | 701,626              |
| Billiard tables and materials, . . . . .           | 3  | 86,798               | 53,771  | 16,451   | 822.55                        | 20                    | -             | 20             | 19                 | 23                 | 96,178               |
| Blacking, . . . . .                                | 30   | 1,099,412            | 1,486,734                                     | 217,880  | 480.97                        | 179                   | 274           | 453            | 347                | 520                | 2,847,545            |
| Bookbinding and blank-book making, . . . . .       | 32   | 1,105,081            | 535,344                                       | 693,358  | 552.94                        | 598                   | 703           | 1,301          | 1,166              | 1,487              | 1,765,684            |
| Boot and shoe cut stock and findings, . . . . .    | 138  | 9,854,076            | 25,640,444                                    | 1,832,673  | 547.72                        | 2,524                 | 822           | 3,346          | 2,493              | 4,071              | 30,691,053           |
| Boots and shoes, . . . . .                         | 154  | 29,681,843           | 37,062,876                                    | 17,426,504                                       | 620.36                        | 16,920                | 11,171        | 28,091         | 21,420             | 32,641             | 66,735,058           |
| Boots and shoes, rubber . . . . .                  | 5  | 15,501,746           | 10,567,577                                    | 3,849,497  | 531.63                        | 4,225                 | 3,016         | 7,241          | 5,851              | 7,837              | 20,142,608           |
| Boxes, fancy and paper . . . . .                   | 42   | 1,411,560            | 1,351,641                                     | 860,326  | 428.66                        | 606                   | 1,401         | 2,007          | 1,731              | 2,268              | 3,005,706            |
| Boxes, wooden packing . . . . .                    | 12   | 1,170,451            | 974,398                                       | 331,339  | 564.11                        | 576                   | 101           | 676            | 631                | 734                | 1,718,801            |
| Brass and bronze products, . . . . .               | 35   | 2,289,282            | 2,363,428                                     | 788,183  | 687.77                        | 1,144                 | 2             | 1,146          | 1,032              | 1,273              | 3,880,237            |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

| Industries.                                   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |  |
|---|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|--|
|   |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |  |
|   |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |  |
|   |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |  |
| Metropolitan Boston — Continued.              |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |  |
| Bread and other bakery products, . . .        | 293,                        | \$4,992,815      | \$8,669,431                       | \$2,203,174                          | \$542.39                | 3,001                 | 1,061   | 4,062      | 3,681           | 4,380           | \$16,340,435     |  |
| Brick and tile, . . .                         | 7                           | 493,322          | 100,163                           | 138,101                              | 580.26                  | 238                   | —       | 238        | 71              | 374             | 302,227          |  |
| Canning and preserving, . . .                 | 27                          | 945,380          | 1,447,931                         | 209,580                              | 808.71                  | 260                   | 163     | 412        | 300             | 567             | 2,071,981        |  |
| Carriages and wagons and materials, . .       | 28                          | 748,098          | 335,631                           | 345,662                              | 717.14                  | 482                   | —       | 482        | 394             | 532             | 903,749          |  |
| Chemicals, . . .                              | 13                          | 3,475,264        | 2,430,026                         | 551,817                              | 688.05                  | 801                   | 1       | 802        | 713             | 894             | 4,864,596        |  |
| Cleansing and polishing preparations, . .     | 11                          | 179,259          | 224,121                           | 32,135                               | 486.89                  | 39                    | 27      | 66         | 51              | 76              | 454,536          |  |
| Cloth, sponging and refinishing, . . .        | 3                           | 26,300           | 3,600                             | 29,260                               | 680.23                  | 43                    | —       | 43         | 41              | 48              | 61,200           |  |
| Clothing, men's . . .                         | 164                         | 7,851,161        | 8,956,532                         | 2,869,993                            | 573.71                  | 2,556                 | 2,446   | 5,002      | 4,380           | 5,636           | 16,683,185       |  |
| Clothing, women's . . .                       | 138                         | 3,143,663        | 5,062,584                         | 2,075,626                            | 516.84                  | 1,145                 | 2,871   | 4,016      | 2,966           | 4,935           | 9,620,946        |  |
| Coffee and spice, roasting and grinding, .    | 15                          | 2,780,893        | 6,111,169                         | 227,712                              | 599.24                  | 236                   | 144     | 380        | 354             | 412             | 7,191,028        |  |
| Confectionery, . . .                          | 76                          | 8,024,043        | 11,135,579                        | 2,196,539                            | 356.81                  | 1,464                 | 4,692   | 6,156      | 5,062           | 7,800           | 18,903,910       |  |
| Cooperage, . . .                              | 5                           | 448,174          | 541,448                           | 162,349                              | 581.90                  | 279                   | —       | 279        | 265             | 296             | 792,748          |  |
| Copper, tin, and sheet-iron products, . .     | 74                          | 2,936,585        | 2,574,272                         | 1,187,643                            | 599.52                  | 1,748                 | 233     | 1,981      | 1,711           | 2,272           | 5,103,967        |  |
| Cordials and sirups, . . .                    | 7                           | 286,298          | 394,317                           | 48,102                               | 517.23                  | 52                    | 41      | 83         | 68              | 122             | 612,126          |  |
| Cotton goods, including cotton small wares,   | 9                           | 4,425,748        | 1,374,335                         | 803,130                              | 431.33                  | 1,160                 | 712     | 1,862      | 1,719           | 2,021           | 2,360,331        |  |
| Cutlery and tools, not elsewhere specified, . | 36                          | 3,515,942        | 689,290                           | 489,329                              | 480.70                  | 606                   | 413     | 1,019      | 833             | 1,341           | 2,482,289        |  |
| Dentists' materials, . . .                    | 7                           | 86,747           | 457,097                           | 38,966                               | 638.79                  | 36                    | 25      | 61         | 53              | 67              | 546,564          |  |
| Dyeing and finishing textiles, . . .          | 9                           | 1,412,479        | 546,183                           | 520,749                              | 481.73                  | 920                   | 161     | 1,081      | 971             | 1,148           | 1,301,353        |  |

| Dyestuffs and extracts,<br>Electrical machinery, apparatus, and sup-<br>plies, . . . . .                   | 13  | 540,311    | 786,773    | 63,543    | 655.08 | 97     | -     | 97     | 81     | 119    | 1,153,960  |
|--|-----|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Electrical machinery, apparatus, and sup-<br>plies, . . . . .  | 50  | 17,780,249 | 12,524,040 | 8,334,015 | 592.33 | 11,067 | 3,013 | 14,070 | 12,365 | 15,761 | 28,731,975 |
| Electroplating, . . . . .  | 18  | 67,703     | 38,656     | 84,730    | 781.87 | 106    | 1     | 107    | 98     | 120    | 203,722    |
| Engraving and dieinking, . . . . .   | 9   | 131,309    | 54,620     | 64,111    | 610.58 | 67     | 38    | 108    | 94     | 116    | 203,315    |
| Fancy articles, not elsewhere specified,<br>Furniture, . . . . .   | 13  | 285,753    | 184,498    | 80,496    | 412.80 | 53     | 143   | 196    | 134    | 204    | 415,937    |
| Flavoring extracts, . . . . .  | 7   | 237,848    | 333,643    | 29,514    | 508.86 | 27     | 31    | 58     | 50     | 66     | 511,982    |
| Food preparations, . . . . .   | 18  | 601,926    | 763,153    | 132,375   | 601.70 | 163    | 53    | 220    | 143    | 323    | 1,680,506  |
| Foundry and machine-shop products,<br>Fur goods, . . . . .   | 204 | 23,639,298 | 7,439,259  | 6,802,680 | 702.41 | 9,262  | 138   | 9,400  | 8,175  | 10,780 | 20,898,531 |
| Furnishing goods, men's . . . . .  | 11  | 530,668    | 340,254    | 169,275   | 813.82 | 106    | 102   | 208    | 127    | 260    | 699,610    |
| Furniture, . . . . .   | 8   | 364,093    | 337,099    | 99,267    | 445.14 | 38     | 136   | 223    | 153    | 264    | 712,380    |
| Galvanising, . . . . .   | 61  | 5,809,575  | 2,553,685  | 1,801,188 | 637.26 | 2,621  | 206   | 2,626  | 2,471  | 3,261  | 6,212,606  |
| Gas and electric fixtures, . . . . .   | 3   | 16,753     | 17,628     | 9,464     | 676.00 | 14     | -     | 14     | 7      | 18     | 34,714     |
| Glass, cutting, staining, and ornamenting,<br>Glue, . . . . .  | 9   | 126,088    | 117,602    | 86,139    | 723.96 | 115    | 1     | 116    | 102    | 133    | 284,103    |
| Grease and tallow, . . . . .   | 17  | 111,560    | 70,323     | 123,430   | 743.55 | 169    | 7     | 166    | 138    | 206    | 299,204    |
| Hand stamps and stencils and brands,<br>Hardware, . . . . .  | 4   | 426,237    | 223,517    | 65,542    | 445.86 | 138    | 19    | 147    | 98     | 173    | 377,908    |
| Hats and caps, other than felt, straw, and<br>wool, . . . . .  | 12  | 661,798    | 700,261    | 145,334   | 659.88 | 220    | 1     | 221    | 210    | 236    | 1,092,022  |
| Hosiery and knit goods, . . . . .  | 18  | 65,523     | 26,858     | 46,317    | 711.03 | 64     | 1     | 65     | 60     | 79     | 150,432    |
| House-furnishing goods, not elsewhere<br>specified, . . . . .  | 16  | 487,191    | 184,234    | 150,995   | 606.41 | 210    | 39    | 249    | 215    | 283    | 433,618    |
| Instruments, professional and scientific,<br>House-furnishing goods, not elsewhere<br>specified, . . . . . | 23  | 171,729    | 361,179    | 182,292   | 635.16 | 204    | 83    | 287    | 253    | 320    | 771,998    |
| House-furnishing goods, not elsewhere<br>specified, . . . . .  | 29  | 4,138,335  | 3,264,737  | 1,154,663 | 437.87 | 430    | 2,207 | 2,637  | 2,244  | 2,808  | 5,960,511  |
| House-furnishing goods, not elsewhere<br>specified, . . . . .  | 14  | 695,193    | 655,007    | 144,194   | 436.95 | 177    | 153   | 330    | 246    | 362    | 1,116,457  |
| Instruments, professional and scientific,<br>House-furnishing goods, not elsewhere<br>specified, . . . . . | 18  | 1,090,334  | 334,463    | 391,309   | 723.31 | 486    | 55    | 541    | 409    | 642    | 1,252,880  |



|  |    |            |            |           |        |       |       |       |       |       |            |
|--|----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Musical instruments and materials, not specified, . . . . .                  | 9  | 124,343    | 64,460     | 68,861    | 681.06 | 93    | 16    | 100   | 98    | 119   | 202,976    |
| Musical instruments, pianos and organs, and materials, . . . . .             | 31 | 7,532,677  | 2,468,711  | 1,880,202 | 674.86 | 2,520 | 192   | 2,712 | 2,266 | 2,962 | 6,114,396  |
| Oil, not elsewhere specified, . . . . .                                      | 8  | 922,571    | 1,575,890  | 123,397   | 589.94 | 309   | -     | 209   | 197   | 221   | 2,289,206  |
| Paints and varnishes, . . . . .  | 24 | 2,273,783  | 2,249,890  | 258,647   | 594.59 | 398   | 87    | 436   | 385   | 479   | 4,160,047  |
| Paper goods, not elsewhere specified, . . . . .                              | 14 | 204,446    | 208,185    | 100,557   | 444.94 | 77    | 149   | 226   | 122   | 335   | 451,148    |
| Patent medicines and compounds and druggists' preparations, . . . . .        | 51 | 2,862,222  | 3,107,817  | 846,461   | 471.90 | 486   | 673   | 1,158 | 967   | 1,361 | 6,633,537  |
| Photo-engraving, . . . . .   | 8  | 395,326    | 100,445    | 232,851   | 831.61 | 244   | 36    | 280   | 249   | 299   | 645,486    |
| Plumbers' supplies, . . . . .  | 12 | 591,216    | 337,960    | 192,839   | 671.88 | 277   | 10    | 287   | 263   | 320   | 747,245    |
| Pottery, terra-cotta, and fire-clay products, . . . . .                      | 8  | 1,101,543  | 116,122    | 204,158   | 534.45 | 247   | 35    | 382   | 309   | 457   | 466,710    |
| Printing and publishing, . . . . .   | 76 | 6,187,662  | 3,289,327  | 3,177,802 | 681.08 | 3,118 | 1,551 | 4,666 | 4,228 | 5,083 | 9,444,972  |
| Refrigerators, . . . . .   | 8  | 190,071    | 149,503    | 76,758    | 806.72 | 94    | -     | 94    | 83    | 117   | 336,766    |
| Rubber goods, not elsewhere specified, . . . . .                             | 17 | 2,573,071  | 2,995,011  | 758,272   | 545.91 | 1,106 | 263   | 1,389 | 1,178 | 1,677 | 4,467,422  |
| Saddlery and harness, . . . . .  | 13 | 127,656    | 201,603    | 46,496    | 704.47 | 66    | 1     | 66    | 62    | 70    | 348,072    |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 17 | 284,163    | 1,132,009  | 106,965   | 680.28 | 159   | 3     | 162   | 149   | 190   | 1,621,670  |
| Screws, machine, . . . . .   | 5  | 133,988    | 84,640     | 69,351    | 619.21 | 100   | 12    | 112   | 92    | 130   | 213,551    |
| Shipbuilding, wooden, including boat building, . . . . .                     | 22 | 610,617    | 447,972    | 386,227   | 809.89 | 488   | -     | 488   | 310   | 683   | 1,037,703  |
| Shirts, . . . . .  | 6  | 172,969    | 165,048    | 92,025    | 487.84 | 23    | 178   | 201   | 155   | 226   | 392,058    |
| Show cases, . . . . .  | 9  | 86,480     | 93,430     | 69,363    | 896.83 | 78    | -     | 78    | 62    | 106   | 233,407    |
| Signs and advertising novelties, . . . . .                                   | 6  | 95,294     | 118,594    | 69,635    | 717.89 | 81    | 16    | 97    | 85    | 102   | 253,343    |
| Slaughtering and meat packing, . . . . .                                     | 16 | 12,613,184 | 36,245,833 | 1,832,273 | 563.80 | 2,476 | 21    | 2,496 | 2,272 | 2,851 | 39,451,389 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT—1912—Continued.  
C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

| Industries.  | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |       | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|-------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |       |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females |                 | Both Sexes      |       |                  |
|  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |       |                  |
| Metropolitan Boston — Concluded.                                 |                             |                  |                                   |                                      |                         |                       |         |                 |                 |       |                  |
| Soap, . . . . .  | 25                          | \$1,949,476      | \$2,385,264                       | \$218,977                            | \$520.14                | 298                   | 123     | 421             | 369             | 476   | \$4,126,830      |
| Statuary and art goods, . . . . .                                | 10                          | 221,468          | 39,415                            | 72,113                               | 721.13                  | 100                   | —       | 100             | 79              | 121   | 182,930          |
| Steam fittings and heating apparatus, . . . . .                  | 17                          | 5,123,124        | 1,731,208                         | 1,371,626                            | 668.11                  | 1,963                 | 100     | 2,053           | 1,745           | 2,371 | 4,309,460        |
| Steam packing, . . . . .   | 8                           | 191,129          | 91,200                            | 40,366                               | 672.77                  | 53                    | 2       | 60              | 53              | 68    | 214,609          |
| Stereotyping and electrotyping, . . . . .                        | 6                           | 159,665          | 85,376                            | 174,829                              | 915.34                  | 191                   | —       | 191             | 177             | 202   | 379,060          |
| Stoves and furnaces, not including gas and oil stoves, . . . . . |                             |                  |                                   |                                      |                         |                       |         |                 |                 |       |                  |
| Structural ironwork, . . . . .                                   | 4                           | 1,732,221        | 487,068                           | 615,320                              | 831.51                  | 740                   | —       | 740             | 555             | 797   | 1,584,830        |
| Surgical appliances, . . . . .                                   | 33                          | 2,787,873        | 1,876,376                         | 943,064                              | 755.66                  | 1,248                 | —       | 1,248           | 966             | 1,525 | 3,452,754        |
| Suspenders, garters, and elastic woven goods, . . . . .          | 7                           | 140,118          | 66,825                            | 65,909                               | 599.17                  | 60                    | 50      | 110             | 97              | 120   | 218,757          |
| Tobacco manufactures, . . . . .                                  | 15                          | 2,315,249        | 2,234,071                         | 606,960                              | 424.04                  | 252                   | 1,177   | 1,429           | 1,263           | 1,593 | 3,868,762        |
|  | 145                         | 3,196,868        | 2,760,553                         | 2,288,646                            | 807.28                  | 2,077                 | 753     | 2,835           | 2,531           | 3,113 | 6,798,268        |
| Trunks and valises, . . . . .                                    |                             |                  |                                   |                                      |                         |                       |         |                 |                 |       |                  |
| Type founding and printing materials, . . . . .                  | 16                          | 358,159          | 368,019                           | 150,842                              | 529.27                  | 213                   | 72      | 285             | 170             | 361   | 696,961          |
| Watch and clock materials, . . . . .                             | 8                           | 270,935          | 92,895                            | 85,973                               | 741.15                  | 94                    | 22      | 116             | 108             | 129   | 290,513          |
|  | 5                           | 129,485          | 36,181                            | 94,007                               | 643.39                  | 59                    | 114     | 173             | 154             | 189   | 205,179          |

|  |     |            |            |            |        |        |       |        |        |        |            |
|--|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Window shades and fixtures, . . . . .      | 8   | 66,300     | 189,337    | 28,683     | 519.09 | 45     | 10    | 55     | 44     | 60     | 221,816    |
| Wirework, including wire rope and cable, . | 10  | 148,171    | 100,014    | 113,486    | 704.88 | 157    | 4     | 161    | 139    | 185    | 238,669    |
| Wood, turned and carved, . . . . .         | 9   | 145,336    | 33,146     | 32,249     | 568.77 | 55     | 2     | 57     | 42     | 70     | 102,780    |
| Wooden goods, not elsewhere specified, .   | 9   | 187,956    | 111,565    | 67,927     | 611.95 | 111    | -     | 111    | 103    | 136    | 240,277    |
| Woolen and worsted goods, . . . . .        | 4   | 4,971,898  | 2,376,199  | 580,869    | 517.79 | 644    | 478   | 1,122  | 961    | 1,264  | 3,464,884  |
| All other industries, . . . . .            | 248 | 83,176,973 | 61,146,171 | 16,154,989 | 631.47 | 19,701 | 6,294 | 25,995 | 22,823 | 29,158 | 92,302,738 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

## D. METROPOLITAN BOSTON — 1912.

[Arranged in order of Product Value.]

| CITIES AND TOWNS.     | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|-----------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|                       |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|                       |  |                     |   |  |                               | Males                 | Females |                    |                    |                     | Both<br>Sexes |
| METROPOLITAN BOSTON.  |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| BOSTON,               | 3,597                                      | \$354,153,062       | \$320,468,150                                 | \$102,820,146                                    | \$600.33                      | 119,815               | 51,457  | 171,272            | 143,196            | 197,097             | \$545,310,724 |
| LYNN, . . . . .       | 2,061                                      | 142,783,441         | 139,636,328                                   | 43,621,813                                       | 602.99                        | 48,211                | 24,132  | 72,343             | 60,316             | 84,634              | 241,229,318   |
| CAMBRIDGE, . . . . .  | 377  | 35,988,365          | 44,736,236                                    | 18,607,798                                       | 632.49                        | 20,487                | 8,933   | 29,420             | 23,459             | 34,409              | 80,544,498    |
| SOMERVILLE, . . . . . | 244  | 34,514,857          | 29,694,233                                    | 9,610,689  | 575.90                        | 11,706                | 4,982   | 16,688             | 13,817             | 18,048              | 53,154,607    |
| CHELSEA, . . . . .    | 95   | 18,335,773          | 37,343,444                                    | 3,432,601  | 588.68                        | 5,490                 | 341     | 5,831              | 5,218              | 6,575               | 45,125,009    |
| WATERTOWN, . . . . .  | 87   | 9,609,805           | 9,140,293                                     | 3,722,779  | 594.60                        | 4,621                 | 1,639   | 6,260              | 5,236              | 7,050               | 16,474,423    |
| QUINCY, . . . . .     | 13   | 8,302,938           | 7,242,479                                     | 2,682,534  | 559.09                        | 3,267                 | 1,531   | 4,798              | 4,254              | 5,394               | 14,418,766    |
| EVERETT, . . . . .    | 150  | 11,900,449          | 8,030,872                                     | 4,228,451  | 676.67                        | 5,779                 | 467     | 6,246              | 5,277              | 7,086               | 14,400,062    |
| WALTHAM, . . . . .    | 47   | 23,620,367          | 5,370,302                                     | 1,641,470  | 648.03                        | 2,195                 | 338     | 2,533              | 2,099              | 2,879               | 10,223,567    |
| Weymouth, . . . . .   | 58   | 16,607,651          | 3,471,282                                     | 3,976,869  | 568.77                        | 4,363                 | 2,629   | 6,992              | 6,385              | 7,567               | 9,760,793     |
| MALDEN, . . . . .     | 31   | 5,759,327           | 5,506,758                                     | 1,409,554  | 680.11                        | 1,672                 | 565     | 2,237              | 1,777              | 2,054               | 8,344,066     |
| WOBURN, . . . . .     | 56   | 7,145,643           | 4,154,828                                     | 1,407,477  | 504.83                        | 1,352                 | 1,436   | 2,788              | 2,546              | 3,051               | 8,053,194     |
| NEWTON, . . . . .     | 44   | 8,268,261           | 3,708,981                                     | 876,231  | 592.85                        | 1,363                 | 86      | 1,478              | 1,199              | 1,819               | 5,975,787     |
| Wakefield, . . . . .  | 40   | 7,294,739           | 3,547,089                                     | 1,282,470  | 525.82                        | 1,716                 | 723     | 2,439              | 2,235              | 2,690               | 5,924,559     |
| Braintree, . . . . .  | 14   | 4,609,664           | 2,838,910                                     | 1,152,757  | 534.18                        | 1,409                 | 749     | 2,158              | 1,843              | 2,309               | 5,437,237     |
| Winchester, . . . . . | 13   | 2,474,598           | 3,226,494                                     | 1,254,684  | 690.44                        | 1,421                 | 704     | 2,125              | 1,804              | 2,343               | 5,305,275     |
|                       | 15   | 2,119,140           | 3,255,268                                     | 644,739  | 592.05                        | 994                   | 96      | 1,089              | 938                | 1,328               | 4,096,171     |

|                           |    |           |           |         |        |     |     |       |     |       |           |
|---------------------------|----|-----------|-----------|---------|--------|-----|-----|-------|-----|-------|-----------|
| Stoneham,                 | 19 | 1,833,742 | 2,172,812 | 602,398 | 536.42 | 765 | 368 | 1,123 | 837 | 1,283 | 3,128,796 |
| Mansoa,                   | 16 | 2,932,314 | 1,549,099 | 504,743 | 491.98 | 431 | 549 | 1,030 | 893 | 1,138 | 2,718,488 |
| Madford,                  | 25 | 1,908,507 | 1,696,585 | 392,861 | 694.37 | 513 | 59  | 672   | 420 | 711   | 2,476,214 |
| Needham,                  | 17 | 1,438,885 | 980,359   | 427,353 | 540.95 | 250 | 540 | 790   | 720 | 873   | 1,860,132 |
| Canton,                   | 13 | 1,440,288 | 789,100   | 355,622 | 582.99 | 433 | 177 | 610   | 510 | 701   | 1,560,580 |
| Dedham,                   | 9  | 738,335   | 461,103   | 134,025 | 433.74 | 176 | 133 | 309   | 282 | 332   | 722,765   |
| Saugus,                   | 5  | 1,204,901 | 374,971   | 130,090 | 546.60 | 170 | 68  | 238   | 169 | 333   | 708,834   |
| Brookline,                | 11 | 583,337   | 184,971   | 229,025 | 677.59 | 311 | 27  | 338   | 311 | 376   | 598,344   |
| Wellesley,                | 4  | 612,683   | 361,562   | 124,319 | 562.53 | 115 | 104 | 221   | 202 | 243   | 573,987   |
| Arlington,                | 13 | 354,860   | 201,461   | 104,072 | 680.21 | 149 | 4   | 153   | 142 | 190   | 418,171   |
| Revere,                   | 5  | 806,500   | 272,500   | 99,183  | 694.42 | 83  | 6   | 89    | 47  | 122   | 386,677   |
| Lexington,                | 5  | 265,783   | 200,773   | 47,862  | 613.62 | 62  | 16  | 78    | 73  | 80    | 339,106   |
| Hingham,                  | 5  | 205,911   | 106,759   | 41,667  | 548.25 | 43  | 33  | 76    | 45  | 97    | 192,501   |
| Milton,                   | 4  | 118,194   | 66,093    | 35,468  | 562.98 | 44  | 19  | 63    | 40  | 84    | 168,160   |
| Swampscott,               | 3  | 10,670    | 6,312     | 3,365   | 560.83 | 4   | 2   | 6     | 5   | 7     | 24,560    |
| Other towns, <sup>1</sup> | 8  | 363,276   | 141,153   | 106,237 | 696.93 | 150 | 1   | 151   | 97  | 191   | 366,078   |

<sup>1</sup> Includes Belmont, Cohasset, Dover, Hull, Nahant, Weston, Westwood, and Winthrop.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

E. FOR 116 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

| TOWNS AND INDUSTRIES.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |
| Abington, . . . . .   | 12   | \$2,721,122         | \$2,720,871                                   | \$1,115,810                                      | \$593.83                      | 1,368                 | 511     | 1,879              | 2,096              | \$4,732,350         |
| Acton, . . . . .  | 14   | 1,332,132           | 468,175                                       | 168,773  | 531.98                        | 290                   | 30      | 290                | 342                | 889,281             |
| Adams, . . . . .  | 26   | 7,511,320           | 3,222,087                                     | 1,678,063  | 436.43                        | 2,960                 | 1,855   | 3,845              | 2,999              | 5,741,720           |
| Agawam, . . . . .   | 3  | 454,543             | 214,391                                       | 84,859   | 575.44                        | 88                    | 59      | 147                | 117                | 668,915             |
| Amesbury, . . . . .   | 45   | 3,008,226           | \$199,280                                     | 1,439,593  | 617.64                        | 1,980                 | 387     | 2,007              | 2,833              | 4,619,068           |
| Automobiles, including bodies and parts,<br>Bread and other bakery products, . . .  | 17   | 1,181,084           | 799,539                                       | 487,043  | 709.98                        | 673                   | 13      | 686                | 438                | 1,640,811           |
| Carriages and wagons and materials, . .   | 5  | 10,186              | 28,454  | 5,725  | 636.11                        | 9                     | —       | 9                  | 9                  | 46,274              |
| Other industries, . . . . .   | 20   | 1,674,884           | 1,287,781                                     | 707,811  | 563.54                        | 883                   | 373     | 1,256              | 785                | 2,704,038           |
| Amherst, . . . . .  | 15   | 1,079,830           | 777,117                                       | 269,760  | 595.50                        | 236                   | 217     | 453                | 176                | 1,387,122           |
| Andover, . . . . .  | 9  | 3,193,335           | 2,174,339                                     | 667,594  | 469.15                        | 838                   | 585     | 1,423              | 1,307              | 3,632,134           |
| Arlington, . . . . .  | 13   | 354,560             | 201,461                                       | 104,072  | 680.21                        | 149                   | 4       | 183                | 142                | 418,171             |
| Ashburnham, . . . . .   | 10   | 830,466             | 256,594                                       | 135,663  | 536.60                        | 335                   | 11      | 346                | 331                | 661,086             |
| Athol, . . . . .  | 30   | 5,799,535           | 2,006,294                                     | 1,380,348  | 598.33                        | 1,786                 | 521     | 2,307              | 1,922              | 4,705,084           |
| Attleborough, . . . . .   | 119  | 10,314,818          | 3,167,818                                     | 4,060,868  | 616.78                        | 4,637                 | 1,538   | 6,519              | 7,548              | 16,918,264          |
| Cutlery and tools, not elsewhere specified,<br>Engraving and die sinking, . . . . . | 5  | 18,441              | 3,169   | 12,243   | 613.15                        | 20                    | —       | 20                 | 14                 | 27,751              |
| Jewelry, . . . . .  | 71   | 19,365              | 3,304   | 27,951   | 765.43                        | 37                    | —       | 37                 | 28                 | 51                  |
| Silverware and plated ware, . . . . .   | 5  | 8,352,169           | 4,087,007                                     | 2,444,233  | 644.07                        | 3,445                 | 1,350   | 3,798              | 3,239              | 9,309,835           |
| Other industries, . . . . .   | 31   | 1,602,011           | 796,156                                       | 380,321  | 732.36                        | 426                   | 66      | 492                | 415                | 1,818,634           |
|   |  | 6,162,276           | 3,327,376                                     | 1,175,680  | 540.51                        | 1,759                 | 416     | 2,175              | 2,450              | 5,605,569           |

|                                    |    |            |           |           |        |       |       |       |       |       |           |
|------------------------------------|----|------------|-----------|-----------|--------|-------|-------|-------|-------|-------|-----------|
| Auburn,                            | 4  | 938,776    | 643,124   | 170,119   | 538.33 | 244   | 78    | 322   | 271   | 343   | 933,488   |
| Ayer,                              | 12 | 419,244    | 218,448   | 112,219   | 534.39 | 190   | 24    | 214   | 147   | 322   | 439,408   |
| Barnstable,                        | 6  | 21,712     | 14,834    | 7,944     | 496.50 | 16    | -     | 16    | 6     | 34    | 28,179    |
| Becket,                            | 6  | 842,613    | 111,477   | 70,401    | 488.90 | 121   | 23    | 144   | 104   | 183   | 217,410   |
| Billerica,                         | 6  | 2,927,321  | 1,556,809 | 873,883   | 496.11 | 598   | 204   | 797   | 685   | 954   | 2,283,048 |
| Braintree,                         | 13 | 2,474,598  | 3,226,494 | 1,254,684 | 590.44 | 1,421 | 704   | 2,125 | 1,804 | 2,343 | 5,305,275 |
| Bridgewater,                       | 14 | 1,620,943  | 3,306,778 | 1,143,087 | 636.33 | 1,387 | 408   | 1,795 | 1,538 | 2,107 | 5,506,287 |
| Bridgefield,                       | 8  | 322,500    | 319,905   | 97,414    | 466.40 | 137   | 59    | 196   | 155   | 220   | 576,619   |
| Brookline,                         | 11 | 583,337    | 184,971   | 229,025   | 677.59 | 311   | 27    | 338   | 311   | 376   | 595,344   |
| Canton,                            | 13 | 1,440,288  | 789,100   | 355,622   | 532.99 | 433   | 177   | 610   | 510   | 701   | 1,580,580 |
| Chelmsford,                        | 11 | 4,806,873  | 2,622,197 | 855,353   | 457.46 | 712   | 502   | 1,214 | 1,122 | 1,319 | 3,353,454 |
| Chester,                           | 5  | 647,202    | 172,259   | 31,432    | 628.64 | 50    | -     | 50    | 45    | 57    | 317,055   |
| Clinton,                           | 26 | 11,757,208 | 4,885,381 | 1,767,465 | 436.95 | 8,368 | 1,277 | 4,045 | 3,225 | 4,338 | 7,167,510 |
| Bread and other bakery products,   | 8  | 14,200     | 46,005    | 11,800    | 741.25 | 16    | -     | 16    | 16    | 19    | 104,470   |
| Foundry and machine-shop products, | 4  | 120,396    | 40,559    | 50,148    | 506.55 | 98    | 6     | 99    | 87    | 112   | 126,048   |
| Worsted goods,                     | 3  | 315,520    | 317,048   | 81,960    | 502.82 | 96    | 67    | 163   | 126   | 206   | 496,900   |
| Other industries,                  | 10 | 11,307,086 | 3,821,069 | 1,623,487 | 430.98 | 2,168 | 1,604 | 2,767 | 2,996 | 4,200 | 6,441,092 |
| Concord,                           | 8  | 1,613,073  | 683,712   | 217,973   | 580.35 | 315   | 96    | 411   | 309   | 491   | 1,071,245 |
| Dalton,                            | 9  | 1,984,580  | 905,921   | 375,380   | 507.27 | 367   | 373   | 740   | 678   | 800   | 1,879,246 |
| Danvers,                           | 23 | 1,766,570  | 2,166,540 | 601,518   | 556.63 | 780   | 393   | 1,123 | 867   | 1,228 | 3,364,841 |
| Boots and shoes,                   | 5  | 233,059    | 298,962   | 121,085   | 614.64 | 119   | 78    | 197   | 167   | 244   | 496,562   |
| Other industries,                  | 18 | 1,822,811  | 1,867,378 | 480,427   | 518.32 | 611   | 315   | 926   | 700   | 1,084 | 2,898,279 |
| Deerham,                           | 9  | 735,335    | 461,103   | 134,025   | 433.74 | 176   | 133   | 309   | 283   | 332   | 732,765   |
| Deerfield,                         | 7  | 241,989    | 186,551   | 157,253   | 600.22 | 193   | 69    | 262   | 229   | 305   | 421,964   |
| Dighton,                           | 7  | 488,462    | 647,546   | 343,454   | 558.46 | 535   | 80    | 615   | 555   | 693   | 1,316,329 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.  
 E. FOR 116 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.              | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|------------------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|                                    |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|                                    |  |                     |   |  |                               | Average Number        |         |               |                    |                    |                     |
|                                    |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
| Douglas,                           | 4  | \$694,168           | \$511,049                                     | \$218,788  | \$466.51                      | 266                   | 204     | 470           | 437                | 501                | \$1,021,548         |
| Dudley,                            | 9  | 2,242,869           | 1,564,343                                     | 745,125  | 506.54                        | 936                   | 535     | 1,471         | 1,328              | 1,694              | 2,656,425           |
| Easthampton,                       | 16   | 6,911,711           | 7,025,420                                     | 1,624,238  | 488.35                        | 1,922                 | 1,404   | 3,326         | 3,065              | 3,587              | 10,365,735          |
| Easton,                            | 8  | 2,301,346           | 591,286                                       | 304,697  | 689.36                        | 460                   | 57      | 517           | 468                | 577                | 1,290,878           |
| Erving,                            | 4  | 1,515,050           | 453,575                                       | 425,218  | 557.30                        | 636                   | 127     | 763           | 740                | 788                | 1,182,108           |
| Essex,                             | 3  | 35,527              | 56,927  | 26,238   | 639.95                        | 41                    | -       | 41            | 23                 | 60                 | 91,600              |
| Foxborough,                        | 12   | 668,009             | 476,218                                       | 280,787  | 632.40                        | 248                   | 196     | 444           | 240                | 624                | 998,427             |
| Framingham,                        | 33   | 6,682,013           | 4,268,928                                     | 2,295,719  | 564.61                        | 2,683                 | 1,433   | 4,066         | 3,307              | 4,873              | 8,518,687           |
| Franklin,                          | 25   | 2,403,385           | 1,978,634                                     | 621,853  | 576.33                        | 829                   | 250     | 1,079         | 856                | 1,271              | 3,463,415           |
| Gardner,                           | 48   | 11,668,465          | \$,989,607                                    | \$,158,105                                       | 540.87                        | 3,513                 | 468     | 3,979         | 3,481              | 4,497              | 6,780,691           |
| Bread and other bakery products,   | 5  | 16,980              | 48,965  | 15,805   | 831.84                        | 19                    | -       | 19            | 19                 | 19                 | 88,400              |
| Foundry and machine-shop products, | 7  | 201,359             | 86,650  | 85,721   | 634.97                        | 135                   | -       | 135           | 112                | 163                | 234,595             |
| Furniture,                         | 17   | 10,432,574          | 2,368,671                                     | 1,761,704  | 529.20                        | 2,923                 | 406     | 3,329         | 2,966              | 3,714              | 5,321,440           |
| Other industries,                  | 19   | 1,005,600           | 485,291                                       | 288,875  | 582.41                        | 426                   | 60      | 496           | 384                | 601                | 1,076,256           |
| Georgetown,                        | 6  | 187,493             | 294,889                                       | 61,568   | 427.56                        | 124                   | 20      | 144           | 144                | 154                | 323,177             |
| Grafton,                           | 13   | 1,844,240           | 1,965,964                                     | 712,240  | 487.84                        | 782                   | 678     | 1,480         | 1,359              | 1,630              | 3,324,547           |
| Great Barrington,                  | 13   | 3,357,664           | 1,717,184                                     | 518,310  | 479.03                        | 627                   | 455     | 1,082         | 970                | 1,155              | 2,675,583           |

|   |    |           |           |           |        |       |       |       |       |       |           |
|---|----|-----------|-----------|-----------|--------|-------|-------|-------|-------|-------|-----------|
| Greenfield, . . . . .                       | 38 | 3,307,318 | 1,395,941 | 901,377   | 698,96 | 1,367 | 164   | 1,581 | 1,328 | 1,790 | 3,606,617 |
| Cutlery and tools, not elsewhere specified, | 10 | 2,368,378 | 487,678   | 656,411   | 612,32 | 1,040 | 32    | 1,072 | 965   | 1,247 | 2,231,339 |
| Foundry and machine-shop products,          | 5  | 107,366   | 18,117    | 27,811    | 772,53 | 86    | -     | 36    | 30    | 42    | 84,454    |
| Other industries,                           | 17 | 891,668   | 720,146   | 217,655   | 627,01 | 291   | 122   | 413   | 333   | 501   | 1,830,774 |
| Groton, . . . . .                           | 6  | 970,331   | 665,726   | 164,530   | 637,71 | 255   | 3     | 253   | 228   | 235   | 997,590   |
| Hanover, . . . . .                          | 4  | 806,075   | 643,751   | 161,202   | 520,01 | 267   | 43    | 310   | 247   | 347   | 988,024   |
| Hingham, . . . . .                          | 5  | 205,911   | 105,759   | 41,667    | 548,25 | 43    | 33    | 76    | 45    | 97    | 102,501   |
| Hudson, . . . . .                           | 22 | 3,347,549 | 3,540,668 | 1,076,783 | 552,38 | 1,305 | 643   | 1,953 | 1,377 | 2,220 | 5,468,008 |
| Kingston, . . . . .                         | 5  | 253,291   | 138,464   | 72,532    | 630,71 | 105   | 10    | 115   | 112   | 116   | 244,683   |
| Lee, . . . . .                              | 15 | 1,729,704 | 978,403   | 485,711   | 549,45 | 634   | 250   | 894   | 811   | 960   | 1,907,087 |
| Leicester, . . . . .                        | 10 | 1,637,813 | 945,760   | 370,095   | 490,19 | 455   | 300   | 755   | 581   | 870   | 1,776,090 |
| Leominster, . . . . .                       | 76 | 5,611,459 | 4,738,576 | 8,449,153 | 498,30 | 3,169 | 1,745 | 4,904 | 3,713 | 5,918 | 9,637,419 |
| Bread and other bakery products,            | 5  | 11,230    | 60,435    | 14,062    | 731,22 | 18    | -     | 18    | 17    | 18    | 112,390   |
| Combs and hairpins, . . . . .               | 25 | 1,425,014 | 1,372,462 | 813,413   | 509,23 | 1,184 | 423   | 1,607 | 1,135 | 2,144 | 2,593,571 |
| Cutlery and tools, not elsewhere specified, | 3  | 16,407    | 3,171     | 10,237    | 787,46 | 13    | -     | 13    | 9     | 15    | 28,945    |
| Foundry and machine-shop products,          | 4  | 37,188    | 5,875     | 13,645    | 776,88 | 24    | -     | 24    | 21    | 28    | 33,767    |
| Other industries,                           | 39 | 4,151,630 | 3,390,853 | 1,531,706 | 487,91 | 1,920 | 1,322 | 3,242 | 2,530 | 3,711 | 6,758,746 |
| Lexington, . . . . .                        | 5  | 265,783   | 200,773   | 47,862    | 613,62 | 62    | 16    | 78    | 73    | 80    | 339,106   |
| Manchester, . . . . .                       | 5  | 63,290    | 22,516    | 17,638    | 705,52 | 23    | 2     | 25    | 21    | 29    | 64,647    |
| Mansfield, . . . . .                        | 18 | 2,063,700 | 1,679,707 | 489,801   | 581,02 | 630   | 213   | 843   | 679   | 1,032 | 2,997,274 |
| Marblehead, . . . . .                       | 23 | 595,829   | 650,000   | 391,198   | 516,08 | 467   | 301   | 758   | 660   | 945   | 1,199,710 |
| Boots and shoes, . . . . .                  | 11 | 370,682   | 537,761   | 329,149   | 489,81 | 386   | 286   | 672   | 585   | 831   | 977,815   |
| Other industries,                           | 11 | 154,947   | 92,239    | 62,043    | 721,43 | 71    | 15    | 86    | 65    | 122   | 211,895   |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Continued.

E. FOR 116 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.            | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|----------------------------------|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|                                  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|                                  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |
|                                  |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| Medway,                          | 9                           | \$421,395        | \$595,453                         | \$215,080                            | \$579.73                | 228                   | 143     | 371        | 239             | 487             | \$946,630        |
| Merrimac,                        | 7                           | 581,080          | 281,091                           | 187,660                              | 670.21                  | 276                   | 4       | 280        | 252             | 308             | 643,956          |
| Methuen,                         | 17                          | 3,392,704        | 2,347,029                         | 639,063                              | 466.47                  | 634                   | 736     | 1,370      | 1,014           | 1,534           | 3,653,877        |
| Middleborough,                   | 18                          | 3,031,148        | 3,915,893                         | 1,157,572                            | 624.08                  | 1,287                 | 568     | 1,855      | 1,572           | 2,049           | 6,206,361        |
| Milford,                         | 36                          | 2,243,837        | 2,890,613                         | 1,119,860                            | 598.81                  | 1,894                 | 578     | 1,873      | 1,288           | 2,883           | 4,868,210        |
| Boots and shoes,                 | 3                           | 699,816          | 1,504,245                         | 450,944                              | 592.57                  | 510                   | 251     | 761        | 658             | 820             | 2,288,744        |
| Bread and other bakery products, | 7                           | 17,010           | 47,397                            | 12,003                               | 750.19                  | 16                    | -       | 16         | 16              | 17              | 93,530           |
| Monuments and tombstones,        | 3                           | 24,352           | 10,656                            | 8,008                                | 728.00                  | 11                    | -       | 11         | 6               | 37              | 25,338           |
| Tobacco manufactures,            | 5                           | 45,427           | 36,901                            | 30,753                               | 732.21                  | 29                    | 13      | 42         | 37              | 47              | 85,253           |
| Other industries,                | 18                          | 1,457,232        | 1,291,414                         | 618,142                              | 593.23                  | 728                   | 314     | 1,042      | 566             | 1,262           | 2,399,345        |
| Millbury,                        | 25                          | 2,207,639        | 1,574,003                         | 524,755                              | 548.91                  | 699                   | 257     | 956        | 840             | 1,071           | 2,682,466        |
| Milton,                          | 4                           | 118,194          | 66,093                            | 35,408                               | 562.98                  | 44                    | 19      | 63         | 40              | 84              | 168,160          |
| Monson,                          | 9                           | 945,235          | 867,019                           | 417,319                              | 583.46                  | 476                   | 239     | 715        | 462             | 899             | 1,603,749        |
| Montague,                        | 16                          | 3,531,780        | 1,308,764                         | 708,641                              | 569.19                  | 869                   | 376     | 1,245      | 1,092           | 1,399           | 2,496,260        |
| Natick,                          | 32                          | 1,462,680        | 2,386,515                         | 673,669                              | 536.86                  | 890                   | 866     | 1,366      | 1,105           | 1,407           | 2,891,219        |
| Boots and shoes,                 | 11                          | 956,320          | 2,072,011                         | 593,290                              | 558.59                  | 737                   | 164     | 901        | 792             | 995             | 2,740,224        |
| Other industries,                | 21                          | 506,660          | 314,504                           | 170,379                              | 479.94                  | 153                   | 202     | 355        | 313             | 412             | 651,115          |
| Needham,                         | 17                          | 1,438,855        | 980,569                           | 427,555                              | 540.95                  | 860                   | 540     | 790        | 780             | 873             | 1,860,138        |
| Hosiery and knit goods,          | 8                           | 1,333,061        | 879,063                           | 380,639                              | 536.87                  | 189                   | 520     | 709        | 657             | 778             | 1,664,119        |
| Other industries,                | 9                           | 105,794          | 101,296                           | 46,714                               | 576.72                  | 61                    | 20      | 81         | 68              | 95              | 196,013          |

|   |    |            |            |           |        |       |     |       |       |       |            |
|---|----|------------|------------|-----------|--------|-------|-----|-------|-------|-------|------------|
| North Andover, . . . . .                          | 7  | 1,364,100  | 1,064,167  | 747,305   | 570.46 | 1,068 | 242 | 1,310 | 1,106 | 1,450 | 3,305,686  |
| North Attleborough, . . . . .                     | 61 | 6,473,641  | 8,504,685  | 1,837,833 | 669.68 | 1,978 | 841 | 8,819 | 8,446 | 8,338 | 6,222,435  |
| Bread and other bakery products, . . . . .        | 3  | 12,175     | 26,430     | 9,317     | 947.00 | 11    | -   | 11    | 11    | 11    | 46,384     |
| Jewelry, . . . . .                                | 38 | 4,698,653  | 1,569,595  | 1,298,980 | 662.23 | 1,434 | 523 | 1,967 | 1,747 | 2,217 | 4,045,213  |
| Other industries, . . . . .                       | 20 | 1,762,908  | 908,600    | 532,525   | 684.32 | 533   | 318 | 851   | 688   | 1,100 | 2,130,586  |
| North Brookfield, . . . . .                       | 7  | 764,374    | 621,252    | 205,311   | 434.30 | 300   | 136 | 436   | 377   | 486   | 1,119,741  |
| Northborough, . . . . .                           | 6  | 118,154    | 26,093     | 30,175    | 494.67 | 51    | 10  | 61    | 61    | 124   | 78,063     |
| Northbridge, . . . . .                            | 10 | 6,503,041  | 2,072,843  | 2,033,653 | 556.40 | 3,126 | 529 | 3,635 | 3,318 | 3,835 | 5,170,679  |
| Norton, . . . . .                                 | 9  | 1,078,062  | 320,272    | 228,380   | 497.55 | 471   | 189 | 600   | 518   | 748   | 886,578    |
| Norwood, . . . . .                                | 14 | 7,232,167  | 5,411,671  | 1,361,135 | 618.70 | 1,719 | 481 | 2,200 | 1,994 | 2,399 | 9,540,783  |
| Orange, . . . . .                                 | 20 | 2,744,145  | 1,080,968  | 714,068   | 624.21 | 957   | 187 | 1,144 | 1,096 | 1,212 | 2,699,154  |
| Oxford, . . . . .                                 | 9  | 1,069,894  | 1,039,480  | 337,510   | 435.09 | 580   | 217 | 787   | 717   | 866   | 1,704,480  |
| Woolen and worsted goods, . . . . .               | 5  | 599,757    | 474,793    | 207,263   | 459.63 | 298   | 153 | 451   | 483   | 555   | 900,532    |
| Other industries, . . . . .                       | 4  | 520,137    | 557,637    | 160,317   | 525.23 | 222   | 64  | 266   | 234   | 311   | 808,898    |
| Palmer, . . . . .                                 | 12 | 2,546,825  | 2,308,230  | 1,243,040 | 470.31 | 1,774 | 869 | 2,643 | 2,510 | 2,755 | 4,935,883  |
| Peabody, . . . . .                                | 69 | 15,335,438 | 13,064,697 | 8,446,681 | 573.49 | 5,433 | 475 | 5,953 | 5,537 | 6,768 | 19,465,879 |
| Boot and shoe cut stock and findings, . . . . .   | 8  | 72,607     | 65,159     | 36,461    | 392.05 | 31    | 62  | 93    | 78    | 120   | 128,744    |
| Carriages and wagons and materials, . . . . .     | 3  | 36,160     | 12,125     | 16,378    | 818.90 | 20    | -   | 20    | 17    | 23    | 84,931     |
| Leather, tanned, curried, and finished, . . . . . | 36 | 11,397,026 | 11,643,284 | 2,757,083 | 601.46 | 4,522 | 63  | 4,594 | 4,080 | 5,182 | 16,694,287 |
| Other industries, . . . . .                       | 22 | 3,829,739  | 1,344,129  | 686,709   | 504.32 | 910   | 351 | 1,261 | 1,162 | 1,443 | 2,707,917  |
| Pepperell, . . . . .                              | 10 | 1,967,258  | 1,897,093  | 809,576   | 554.34 | 449   | 110 | 559   | 549   | 647   | 2,598,433  |
| Plainville, . . . . .                             | 5  | 501,651    | 227,627    | 245,634   | 634.71 | 244   | 143 | 337   | 256   | 521   | 756,120    |
| Plymouth, . . . . .                               | 21 | 10,662,002 | 9,127,246  | 1,404,934 | 494.35 | 2,224 | 618 | 2,843 | 2,437 | 3,171 | 12,319,835 |
| Randolph, . . . . .                               | 7  | 433,215    | 896,980    | 260,559   | 738.13 | 232   | 121 | 353   | 231   | 395   | 1,301,472  |
| Reading, . . . . .                                | 15 | 1,091,372  | 1,970,246  | 235,733   | 590.38 | 273   | 126 | 399   | 331   | 452   | 2,435,393  |
| Revere, . . . . .                                 | 5  | 806,600    | 273,500    | 59,123    | 664.42 | 83    | 6   | 89    | 47    | 122   | 396,677    |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1912 — Concluded.  
E. FOR 116 TOWNS: BY INDUSTRIES — Concluded.

| TOWNS AND INDUSTRIES.       | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|-----------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|                             |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|                             |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
| Rockland, . . . . .         | 15   | \$2,317,730         | \$4,533,595                                   | \$1,456,133                                      | \$681.56                      | 1,190                 | 601     | 2,091         | 1,537              | 2,468              | \$2,543,371         |
| Boots and shoes, . . . . .  | 5  | 1,864,864           | 3,636,378                                     | 1,323,556  | 689.71                        | 1,375                 | 544     | 1,919         | 1,371              | 2,277              | 5,745,298           |
| Other industries, . . . . . | 10   | 452,866             | 667,315                                       | 101,576  | 590.56                        | 115                   | 57      | 172           | 156                | 191                | 903,073             |
| Rockport, . . . . .         | 12   | 1,140,481           | 314,213                                       | 497,417  | 630.22                        | 797                   | 5       | 802           | 656                | 1,015              | 991,167             |
| Rowley, . . . . .           | 7  | 297,515             | 308,915                                       | 76,362   | 471.31                        | 128                   | 34      | 162           | 165                | 168                | 440,073             |
| Saugus, . . . . .           | 5  | 1,204,901           | 374,971                                       | 130,090  | 546.60                        | 170                   | 68      | 238           | 169                | 333                | 708,834             |
| Shelburne, . . . . .        | 4  | 82,440              | 21,826  | 22,817   | 475.35                        | 32                    | 16      | 48            | 43                 | 53                 | 54,690              |
| Shirley, . . . . .          | 6  | 1,394,111           | 781,905                                       | 226,426  | 442.24                        | 269                   | 213     | 512           | 470                | 544                | 1,418,178           |
| South Hadley, . . . . .     | 11   | 1,438,187           | 1,017,732                                     | 295,204  | 558.04                        | 358                   | 171     | 529           | 452                | 641                | 1,680,119           |
| Southbridge, . . . . .      | 23   | 5,732,423           | 3,463,805                                     | 3,338,484  | 530.54                        | 3,056                 | 1,446   | 4,502         | 4,295              | 4,681              | 7,092,660           |
| Spencer, . . . . .          | 11   | 1,663,567           | 2,966,535                                     | 709,589  | 464.66                        | 1,074                 | 453     | 1,527         | 1,266              | 1,817              | 3,514,914           |
| Stoneham, . . . . .         | 19   | 1,883,742           | 2,172,312                                     | 602,398  | 536.43                        | 755                   | 368     | 1,123         | 837                | 1,283              | 3,128,795           |
| Stoughton, . . . . .        | 18   | 1,934,659           | 1,879,150                                     | 915,751  | 624.23                        | 1,128                 | 339     | 1,467         | 1,281              | 1,656              | 3,830,569           |
| Swampscott, . . . . .       | 3  | 10,670              | 6,312   | 3,365  | 560.83                        | 4                     | 2       | 6             | 5                  | 7                  | 24,560              |
| Templeton, . . . . .        | 16   | 1,578,544           | 1,018,873                                     | 441,900  | 544.81                        | 751                   | 61      | 812           | 662                | 970                | 1,982,848           |
| Furniture, . . . . .        | 7  | 700,003             | 278,008                                       | 226,866  | 537.69                        | 417                   | 13      | 430           | 377                | 494                | 612,890             |
| Other industries, . . . . . | 9  | 878,541             | 740,565                                       | 215,035  | 562.92                        | 334                   | 48      | 382           | 285                | 476                | 1,309,958           |
| Townsend, . . . . .         | 6  | 641,721             | 277,060                                       | 137,668  | 617.30                        | 218                   | 5       | 223           | 172                | 251                | 509,617             |
| Uxbridge, . . . . .         | 10   | 1,990,617           | 1,476,378                                     | 505,223  | 483.00                        | 674                   | 372     | 1,046         | 920                | 1,154              | 2,460,618           |

|                                       |       |               |               |              |          |         |        |         |         |         |               |
|---------------------------------------|-------|---------------|---------------|--------------|----------|---------|--------|---------|---------|---------|---------------|
| Walsfield,                            | 14    | 4,586,664     | 2,538,910     | 1,153,767    | 534.18   | 1,409   | 749    | 2,158   | 1,943   | 2,309   | 5,437,237     |
| Walpole,                              | 11    | 7,760,374     | 5,390,983     | 1,096,480    | 598.84   | 1,626   | 205    | 1,831   | 1,568   | 2,103   | 8,719,880     |
| Ware,                                 | 13    | 2,117,967     | 3,382,685     | 1,080,538    | 445.58   | 1,290   | 1,135  | 2,425   | 2,344   | 2,488   | 4,076,921     |
| Warham,                               | 9     | 1,106,831     | 608,043       | 382,180      | 599.89   | 603     | 34     | 637     | 502     | 775     | 1,120,255     |
| Warren,                               | 9     | 1,413,615     | 1,030,511     | 539,615      | 453.08   | 788     | 463    | 1,191   | 877     | 1,277   | 1,853,554     |
| Watertown,                            | 13    | 3,302,986     | 7,242,479     | 2,852,534    | 559.09   | 3,367   | 1,531  | 4,768   | 4,264   | 5,294   | 14,418,766    |
| Wellesley,                            | 4     | 612,583       | 361,562       | 124,210      | 562.53   | 116     | 106    | 221     | 202     | 243     | 573,987       |
| West Springfield,                     | 12    | 4,978,581     | 2,306,766     | 1,218,715    | 640.19   | 1,398   | 448    | 1,546   | 1,741   | 1,943   | 4,361,044     |
| West Stockbridge,                     | 5     | 116,968       | 59,689        | 33,682       | 521.18   | 103     | -      | 108     | 80      | 122     | 139,874       |
| Westborough,                          | 12    | 799,943       | 1,119,083     | 350,387      | 546.63   | 323     | 318    | 641     | 416     | 879     | 1,789,235     |
| Westfield,                            | 74    | 7,461,559     | 3,556,000     | 9,001,898    | 559.18   | 2,986   | 655    | 8,279   | 8,068   | 4,086   | 8,382,918     |
| Bread and other bakery products,      | 5     | 30,400        | 56,935        | 10,256       | 683.73   | 15      | -      | 15      | 15      | 15      | 88,100        |
| Tobacco manufactures,                 | 18    | 287,497       | 196,706       | 136,147      | 533.91   | 111     | 144    | 255     | 224     | 285     | 510,506       |
| Whips,                                | 22    | 2,355,985     | 1,032,041     | 496,073      | 495.08   | 672     | 330    | 1,002   | 893     | 1,098   | 2,743,749     |
| Other industries,                     | 29    | 4,797,457     | 2,250,318     | 1,358,316    | 589.00   | 2,128   | 179    | 2,307   | 1,920   | 2,641   | 4,980,887     |
| Westford,                             | 13    | 1,641,163     | 9,151,418     | 448,080      | 581.87   | 589     | 806    | 824     | 650     | 1,035   | 8,881,918     |
| Marble and stone work,                | 9     | 205,773       | 24,796        | 149,312      | 761.80   | 196     | -      | 196     | 74      | 325     | 210,611       |
| Other industries,                     | 4     | 1,335,390     | 2,106,747     | 393,768      | 460.45   | 333     | 305    | 638     | 556     | 710     | 2,671,304     |
| Weymouth,                             | 31    | 5,769,587     | 5,509,788     | 1,409,554    | 680.11   | 1,678   | 565    | 2,257   | 1,777   | 2,654   | 8,344,066     |
| Boot and shoe cut stock and findings, | 5     | 137,102       | 246,958       | 36,331       | 449.04   | 65      | 17     | 82      | 74      | 108     | 312,926       |
| Boots and shoes,                      | 7     | 2,394,018     | 2,548,354     | 1,007,433    | 689.83   | 1,082   | 422    | 1,504   | 1,247   | 1,661   | 4,741,573     |
| Boxes, fancy and paper,               | 3     | 105,049       | 75,324        | 39,039       | 435.59   | 43      | 49     | 91      | 83      | 102     | 158,722       |
| Bread and other bakery products,      | 4     | 14,207        | 46,795        | 19,191       | 779.63   | 24      | -      | 24      | 24      | 24      | 83,891        |
| Other industries,                     | 12    | 3,108,951     | 2,338,687     | 306,480      | 571.79   | 459     | 77     | 536     | 350     | 764     | 3,047,044     |
| Whitman,                              | 17    | 3,075,166     | 3,946,949     | 1,463,482    | 665.52   | 1,626   | 573    | 2,199   | 1,965   | 2,356   | 6,374,561     |
| Williamsburg,                         | 11    | 565,377       | 379,619       | 209,967      | 481.53   | 367     | 99     | 436     | 383     | 501     | 718,405       |
| Winohendon,                           | 18    | 2,717,333     | 1,253,217     | 636,610      | 490.31   | 1,022   | 256    | 1,278   | 1,076   | 1,431   | 2,532,854     |
| Winchester,                           | 15    | 2,119,140     | 3,255,268     | 644,739      | 592.05   | 994     | 95     | 1,089   | 938     | 1,328   | 4,698,171     |
| All other towns,                      | 345   | 59,455,637    | 39,207,344    | 13,349,217   | 598.72   | 18,753  | 7,488  | 26,241  | 22,900  | 29,434  | 65,808,992    |
| Total for the towns,                  | 2,174 | \$353,249,506 | \$249,170,100 | \$93,746,129 | \$545.47 | 123,399 | 48,565 | 171,864 | 146,185 | 194,806 | \$433,267,819 |

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1912.

| INDUSTRIES AND CHARACTER OF OWNERSHIP. | Number of Establishments | Average Number of Wage-earners | Wages Paid           | Value of Product       | Value Added by Manufacture |
|--|--------------------------|--------------------------------|----------------------|------------------------|----------------------------|
| <b>All Industries,</b> . . . . .       | <b>8,271</b>             | <b>608,590</b>                 | <b>\$335,553,704</b> | <b>\$1,596,734,445</b> | <b>\$667,429,563</b>       |
| Individual, . . . . .                  | 3,431                    | 47,070                         | 27,672,386           | 126,127,056            | 58,032,915                 |
| Firm, . . . . .                        | 1,688                    | 58,961                         | 33,515,430           | 169,885,048            | 69,080,752                 |
| Corporation, . . . . .                 | 3,154                    | 497,654                        | 271,865,936          | 1,299,282,496          | 536,357,177                |
| Other, <sup>1</sup> . . . . .          | 18                       | 4,905                          | 2,500,264            | 11,939,848             | 4,968,719                  |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 42.1                     | 7.7                            | 8.2                  | 7.9                    | 8.7                        |
| Firm, . . . . .                        | 19.2                     | 9.7                            | 10.0                 | 10.6                   | 10.4                       |
| Corporation, . . . . .                 | 38.5                     | 81.8                           | 81.0                 | 80.8                   | 80.2                       |
| Other, <sup>1</sup> . . . . .          | 0.2                      | 0.8                            | 0.8                  | 0.7                    | 0.7                        |
| <b>Automobiles, including bod-</b>     |                          |                                |                      |                        |                            |
| <b>ies and parts,</b> . . . . .        | <b>57</b>                | <b>3,654</b>                   | <b>2,325,495</b>     | <b>9,649,259</b>       | <b>5,519,390</b>           |
| Individual, . . . . .                  | 13                       | 185                            | 139,328              | 398,969                | 258,750                    |
| Firm, . . . . .                        | 10                       | 247                            | 180,461              | 652,171                | 367,632                    |
| Corporation, . . . . .                 | 34                       | 3,222                          | 2,505,706            | 8,598,119              | 4,892,768                  |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 22.8                     | 5.1                            | 4.9                  | 4.1                    | 4.7                        |
| Firm, . . . . .                        | 17.5                     | 6.7                            | 6.4                  | 6.8                    | 6.7                        |
| Corporation, . . . . .                 | 59.7                     | 88.2                           | 88.7                 | 89.1                   | 88.6                       |
| <b>Boots and shoes, exclusive of</b>   |                          |                                |                      |                        |                            |
| <b>out-stock and findings,</b> . .     | <b>489</b>               | <b>81,962</b>                  | <b>49,596,284</b>    | <b>209,489,037</b>     | <b>83,829,452</b>          |
| Individual, . . . . .                  | 143                      | 8,130                          | 4,941,842            | 19,412,769             | 8,269,457                  |
| Firm, . . . . .                        | 129                      | 15,122                         | 9,505,437            | 40,263,315             | 16,296,739                 |
| Corporation, . . . . .                 | 188                      | 58,710                         | 35,149,005           | 149,812,953            | 59,263,256                 |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 31.1                     | 9.9                            | 10.0                 | 9.3                    | 9.9                        |
| Firm, . . . . .                        | 28.0                     | 18.5                           | 19.1                 | 19.2                   | 19.4                       |
| Corporation, . . . . .                 | 40.9                     | 71.6                           | 70.9                 | 71.5                   | 70.7                       |
| <b>Boot and shoe out stock and</b>     |                          |                                |                      |                        |                            |
| <b>findings,</b> . . . . .             | <b>266</b>               | <b>8,656</b>                   | <b>4,301,517</b>     | <b>53,149,427</b>      | <b>19,961,749</b>          |
| Individual, . . . . .                  | 170                      | 2,575                          | 1,313,189            | 12,544,275             | 3,335,412                  |
| Firm, . . . . .                        | 119                      | 2,799                          | 1,276,469            | 19,284,753             | 3,619,540                  |
| Corporation, . . . . .                 | 77 <sup>2</sup>          | 3,282                          | 1,711,859            | 20,320,390             | 3,846,797                  |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 46.4                     | 29.8                           | 30.5                 | 24.0                   | 30.9                       |
| Firm, . . . . .                        | 32.5                     | 32.3                           | 29.7                 | 37.0                   | 33.5                       |
| Corporation, . . . . .                 | 21.1 <sup>2</sup>        | 37.9                           | 39.8                 | 39.0                   | 35.6                       |
| <b>Bread and other bakery</b>          |                          |                                |                      |                        |                            |
| <b>products,</b> . . . . .             | <b>823</b>               | <b>6,968</b>                   | <b>4,000,297</b>     | <b>23,479,592</b>      | <b>12,716,265</b>          |
| Individual, . . . . .                  | 649                      | 2,236                          | 1,584,228            | 10,685,756             | 4,503,470                  |
| Firm, . . . . .                        | 134                      | 1,278                          | 821,670              | 5,511,230              | 2,230,969                  |
| Corporation, . . . . .                 | 40                       | 3,354                          | 1,594,399            | 12,273,606             | 5,981,766                  |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 78.8                     | 32.6                           | 39.6                 | 37.5                   | 35.4                       |
| Firm, . . . . .                        | 16.3                     | 18.6                           | 20.5                 | 19.4                   | 17.6                       |
| Corporation, . . . . .                 | 4.9                      | 48.8                           | 39.9                 | 43.1                   | 47.0                       |
| <b>Clothing, men's, including</b>      |                          |                                |                      |                        |                            |
| <b>shirts,</b> . . . . .               | <b>297</b>               | <b>7,745</b>                   | <b>3,975,045</b>     | <b>21,863,420</b>      | <b>10,489,913</b>          |
| Individual, . . . . .                  | 104                      | 2,196                          | 1,110,992            | 3,401,569              | 2,038,606                  |
| Firm, . . . . .                        | 57                       | 1,758                          | 932,737              | 4,701,892              | 2,306,079                  |
| Corporation, . . . . .                 | 46                       | 3,791                          | 1,931,316            | 13,764,959             | 6,145,228                  |
| <i>Per cent of total,</i> . . . . .    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .                  | 50.2                     | 28.4                           | 27.9                 | 15.6                   | 19.4                       |
| Firm, . . . . .                        | 27.6                     | 22.7                           | 23.5                 | 21.5                   | 22.0                       |
| Corporation, . . . . .                 | 22.2                     | 48.9                           | 48.6                 | 62.9                   | 58.6                       |

<sup>1</sup> Voluntary associations and co-operative societies.<sup>2</sup> Includes one association in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Clothing, women's,</b>                             | <b>173</b>               | <b>5,674</b>                   | <b>\$2,723,954</b> | <b>\$12,543,548</b> | <b>\$5,897,079</b>         |
| Individual, . . . . .                                 | 69                       | 1,547                          | 729,040            | 3,497,736           | 1,637,189                  |
| Firm, . . . . .                                       | 63                       | 2,016                          | 1,038,641          | 4,672,754           | 2,135,656                  |
| Corporation, . . . . .                                | 41                       | 2,111                          | 956,273            | 4,373,058           | 2,124,235                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 39.9                     | 27.3                           | 26.8               | 27.9                | 27.6                       |
| Firm, . . . . .                                       | 36.4                     | 35.5                           | 38.1               | 37.2                | 36.2                       |
| Corporation, . . . . .                                | 23.7                     | 37.2                           | 35.1               | 34.9                | 36.2                       |
| <b>Confectionery,</b>                                 | <b>116</b>               | <b>6,794</b>                   | <b>2,466,480</b>   | <b>18,908,800</b>   | <b>6,543,942</b>           |
| Individual, . . . . .                                 | 47                       | 449                            | 203,664            | 1,173,371           | 473,380                    |
| Firm, . . . . .                                       | 24                       | 408                            | 144,779            | 1,005,080           | 434,168                    |
| Corporation, . . . . .                                | 45                       | 5,937                          | 2,117,966          | 16,728,449          | 5,661,414                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 40.5                     | 6.6                            | 8.2                | 6.2                 | 7.2                        |
| Firm, . . . . .                                       | 20.7                     | 6.0                            | 5.9                | 5.3                 | 6.6                        |
| Corporation, . . . . .                                | 38.8                     | 87.4                           | 85.9               | 88.5                | 86.2                       |
| <b>Cotton goods, including cotton small wares,</b>    | <b>193</b>               | <b>112,324</b>                 | <b>48,943,728</b>  | <b>189,610,823</b>  | <b>73,321,372</b>          |
| Individual, . . . . .                                 | 8                        | 351                            | 165,195            | 840,810             | 430,426                    |
| Firm, . . . . .                                       | 14                       | 1,989                          | 839,287            | 3,645,380           | 1,599,760                  |
| Corporation, . . . . .                                | 171                      | 110,044                        | 47,939,246         | 184,824,633         | 71,301,186                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 4.1                      | 0.3                            | 0.3                | 0.5                 | 0.6                        |
| Firm, . . . . .                                       | 7.3                      | 1.8                            | 1.7                | 1.9                 | 1.7                        |
| Corporation, . . . . .                                | 88.6                     | 97.9                           | 98.0               | 97.6                | 97.7                       |
| <b>Outlery and tools, not elsewhere specified,</b>    | <b>125</b>               | <b>6,682</b>                   | <b>4,115,878</b>   | <b>12,136,889</b>   | <b>8,819,498</b>           |
| Individual, . . . . .                                 | 55                       | 714                            | 466,612            | 1,325,342           | 952,280                    |
| Firm, . . . . .                                       | 20                       | 133                            | 84,272             | 244,743             | 165,453                    |
| Corporation, . . . . .                                | 60                       | 5,835                          | 3,564,994          | 10,566,804          | 7,701,760                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 40.7                     | 10.7                           | 11.3               | 10.9                | 10.8                       |
| Firm, . . . . .                                       | 14.8                     | 2.0                            | 2.1                | 2.0                 | 1.9                        |
| Corporation, . . . . .                                | 44.5                     | 87.3                           | 86.6               | 87.1                | 87.3                       |
| <b>Electrical machinery, apparatus, and supplies,</b> | <b>78</b>                | <b>20,317</b>                  | <b>12,645,825</b>  | <b>47,954,936</b>   | <b>25,659,041</b>          |
| Individual, . . . . .                                 | 14                       | 357                            | 167,292            | 786,388             | 385,426                    |
| Firm, . . . . .                                       | 4                        | 60                             | 38,547             | 229,008             | 81,297                     |
| Corporation, . . . . .                                | 60                       | 19,900                         | 12,439,986         | 46,949,540          | 25,183,318                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 18.0                     | 1.8                            | 1.3                | 1.6                 | 1.5                        |
| Firm, . . . . .                                       | 5.1                      | 0.3                            | 0.3                | 0.5                 | 0.3                        |
| Corporation, . . . . .                                | 76.9                     | 97.9                           | 98.4               | 97.9                | 98.2                       |
| <b>Foundry and machine-shop products,<sup>1</sup></b> | <b>743</b>               | <b>45,543</b>                  | <b>30,192,826</b>  | <b>89,370,280</b>   | <b>56,048,141</b>          |
| Individual, . . . . .                                 | 254                      | 2,999                          | 2,000,436          | 6,328,598           | 3,911,839                  |
| Firm, . . . . .                                       | 104                      | 1,681                          | 1,090,460          | 3,568,945           | 2,212,754                  |
| Corporation, . . . . .                                | 390 <sup>2</sup>         | 40,863                         | 27,101,930         | 79,372,737          | 49,922,548                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 34.0                     | 6.6                            | 6.6                | 7.1                 | 7.0                        |
| Firm, . . . . .                                       | 13.9                     | 3.7                            | 3.6                | 4.0                 | 3.9                        |
| Corporation, . . . . .                                | 52.1 <sup>3</sup>        | 89.7                           | 89.8               | 88.9                | 89.1                       |

<sup>1</sup> Includes one association in order to avoid disclosing individual operations.<sup>2</sup> Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; saddlery hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.<sup>3</sup> Includes three associations, in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                        | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Furniture and refrigerators,</b>                           | <b>134</b>               | <b>7,708</b>                   | <b>\$4,426,968</b> | <b>\$14,525,715</b> | <b>\$2,122,835</b>         |
| Individual, . . . . .   | 37                       | 904                            | 535,674            | 1,781,289           | 1,117,381                  |
| Firm, . . . . .   | 32                       | 1,106                          | 663,026            | 2,179,931           | 1,285,845                  |
| Corporation, . . . . .  | 55                       | 5,696                          | 3,198,108          | 10,364,495          | 5,725,609                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 29.8                     | 11.7                           | 12.1               | 12.4                | 13.7                       |
| Firm, . . . . .   | 25.8                     | 14.4                           | 15.7               | 15.2                | 15.8                       |
| Corporation, . . . . .  | 44.4                     | 73.9                           | 72.2               | 72.4                | 70.5                       |
| <b>Hosiery and knit goods,</b>                                | <b>62</b>                | <b>10,124</b>                  | <b>4,323,708</b>   | <b>16,967,094</b>   | <b>7,521,306</b>           |
| Individual, . . . . .   | 14                       | 261                            | 114,508            | 599,396             | 237,064                    |
| Firm, . . . . .   | 10                       | 838                            | 366,651            | 2,306,537           | 1,016,067                  |
| Corporation, . . . . .  | 38                       | 9,035                          | 3,902,544          | 13,161,261          | 6,328,187                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 22.6                     | 2.6                            | 2.6                | 3.7                 | 3.1                        |
| Firm, . . . . .   | 16.1                     | 8.3                            | 8.4                | 14.4                | 13.4                       |
| Corporation, . . . . .  | 61.3                     | 89.1                           | 89.0               | 81.9                | 83.5                       |
| <b>Jewelry, . . . . .</b>                                     | <b>153</b>               | <b>7,630</b>                   | <b>4,706,251</b>   | <b>16,526,140</b>   | <b>9,639,906</b>           |
| Individual, . . . . .   | 38                       | 1,062                          | 674,243            | 2,296,930           | 1,210,987                  |
| Firm, . . . . .   | 54                       | 2,440                          | 1,554,700          | 5,693,663           | 3,412,377                  |
| Corporation, . . . . .  | 61 <sup>1</sup>          | 4,108                          | 2,539,208          | 8,535,547           | 4,967,546                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 24.8                     | 14.2                           | 14.1               | 13.9                | 13.5                       |
| Firm, . . . . .   | 35.3                     | 32.0                           | 32.6               | 34.4                | 35.3                       |
| Corporation, . . . . .  | 39.9 <sup>1</sup>        | 53.8                           | 53.3               | 51.7                | 51.2                       |
| <b>Leather, tanned, curried, and finished,</b>                | <b>126</b>               | <b>11,372</b>                  | <b>6,625,375</b>   | <b>51,967,789</b>   | <b>14,624,237</b>          |
| Individual, . . . . .   | 42                       | 1,657                          | 944,154            | 4,110,976           | 1,769,955                  |
| Firm, . . . . .   | 25                       | 1,438                          | 788,679            | 5,474,014           | 1,879,747                  |
| Corporation, . . . . .  | 59                       | 8,277                          | 4,892,542          | 42,402,790          | 10,984,585                 |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 33.3                     | 14.6                           | 14.3               | 7.9                 | 12.1                       |
| Firm, . . . . .   | 19.9                     | 12.6                           | 11.9               | 10.5                | 12.8                       |
| Corporation, . . . . .  | 46.8                     | 72.8                           | 73.8               | 81.6                | 75.1                       |
| <b>Musical instruments, pianos and organs, and materials,</b> | <b>50</b>                | <b>4,125</b>                   | <b>2,654,142</b>   | <b>8,639,129</b>    | <b>5,065,906</b>           |
| Individual, . . . . .   | 15                       | 115                            | 75,293             | 333,446             | 189,176                    |
| Firm, . . . . .   | 4                        | 60                             | 34,836             | 94,147              | 60,826                     |
| Corporation, . . . . .  | 31                       | 3,960                          | 2,544,013          | 8,210,546           | 4,836,004                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 30.0                     | 2.8                            | 2.8                | 3.9                 | 3.7                        |
| Firm, . . . . .   | 8.0                      | 1.4                            | 1.3                | 1.1                 | 1.2                        |
| Corporation, . . . . .  | 62.0                     | 95.8                           | 95.9               | 95.0                | 95.1                       |
| <b>Paper and wood pulp,</b>                                   | <b>91</b>                | <b>14,085</b>                  | <b>7,791,973</b>   | <b>47,328,649</b>   | <b>12,227,312</b>          |
| Individual, . . . . .   | 5                        | 622                            | 351,622            | 3,519,972           | 1,567,437                  |
| Firm, . . . . .   | 9                        | 1,122                          | 603,665            | 8,684,624           | 1,600,396                  |
| Corporation, . . . . .  | 77 <sup>1</sup>          | 12,346                         | 6,900,686          | 40,023,453          | 15,059,480                 |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 5.5                      | 4.4                            | 4.9                | 7.5                 | 8.6                        |
| Firm, . . . . .   | 9.9                      | 8.0                            | 7.7                | 7.8                 | 8.8                        |
| Corporation, . . . . .  | 84.6 <sup>1</sup>        | 87.6                           | 87.4               | 84.7                | 82.6                       |

<sup>1</sup> Includes one association, in order to avoid disclosing individual operations.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                     | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|--|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Slaughtering and meat packing, including sausage, .</b> | <b>85</b>                | <b>3,432</b>                   | <b>\$1,942,125</b> | <b>\$59,637,311</b> | <b>\$5,992,399</b>         |
| Individual, . . . . .                                      | 47                       | 174                            | 120,180            | 1,984,788           | 437,953                    |
| Firm, . . . . .  | 14                       | 77                             | 58,431             | 1,692,508           | 351,841                    |
| Corporation, . . . . .                                     | 24                       | 3,181                          | 1,763,514          | 46,960,045          | 5,202,596                  |
| <i>Per cent of total, . . . . .</i>                        | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                      | 55.3                     | 5.1                            | 6.2                | 3.9                 | 7.3                        |
| Firm, . . . . .  | 16.5                     | 2.2                            | 3.0                | 3.3                 | 5.9                        |
| Corporation, . . . . .                                     | 28.2                     | 92.7                           | 90.8               | 92.8                | 86.8                       |
| <b>Woolen, worsted, and felt goods and wool hats, .</b>    | <b>123</b>               | <b>55,839</b>                  | <b>27,065,396</b>  | <b>133,259,253</b>  | <b>51,961,198</b>          |
| Individual, . . . . .                                      | 26                       | 2,382                          | 1,200,163          | 5,652,181           | 2,432,000                  |
| Firm, . . . . .  | 23                       | 4,576                          | 2,222,378          | 11,084,816          | 4,397,380                  |
| Corporation, . . . . .                                     | 123 <sup>1</sup>         | 48,131                         | 23,643,453         | 121,513,256         | 45,131,838                 |
| <i>Per cent of total, . . . . .</i>                        | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                      | 14.3                     | 4.3                            | 4.4                | 4.1                 | 4.7                        |
| Firm, . . . . .  | 12.6                     | 8.3                            | 8.2                | 8.0                 | 8.3                        |
| Corporation, . . . . .                                     | 73.1 <sup>1</sup>        | 87.4                           | 87.4               | 87.9                | 87.0                       |

<sup>1</sup> Includes one association, in order to avoid disclosing individual operations.

TABLE III. WAGE-EARNERS.  
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912.

| Industries and Sex.                             | Average Number Employed | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
|---|-------------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
| <b>THE STATE.</b>                               |                         |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 608,590                 | 593,183 | 590,368  | 602,980 | 599,918 | 603,835 | 605,408 | 608,890 | 599,818 | 615,188   | 683,743 | 691,914  | 632,739  |
| Females, . . . . .                              | 415,982                 | 403,485 | 401,435  | 409,137 | 408,051 | 412,363 | 414,997 | 412,100 | 414,249 | 420,167   | 435,454 | 431,055  | 432,100  |
|   | 102,608                 | 180,698 | 188,931  | 193,823 | 191,867 | 191,472 | 190,411 | 186,180 | 185,569 | 193,021   | 198,288 | 200,859  | 200,639  |
| <b>Agricultural Implements.</b>                 |                         |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 433                     | 396     | 455      | 486     | 515     | 490     | 483     | 414     | 388     | 400       | 414     | 408      | 387      |
| Females, . . . . .                              | 433                     | 396     | 453      | 486     | 515     | 490     | 433     | 414     | 388     | 400       | 414     | 406      | 387      |
|   | -                       | -       | -        | -       | -       | -       | -       | -       | -       | -         | -       | -        | -        |
| <b>Artificial Stone.</b>                        |                         |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 266                     | 213     | 191      | 199     | 243     | 281     | 298     | 289     | 289     | 294       | 266     | 246      | 221      |
| Females, . . . . .                              | 256                     | 213     | 191      | 199     | 243     | 281     | 298     | 289     | 289     | 294       | 266     | 246      | 221      |
|   | -                       | -       | -        | -       | -       | -       | -       | -       | -       | -         | -       | -        | -        |
| <b>Automobiles, including Bodies and Parts.</b> |                         |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 3,654                   | 3,228   | 3,229    | 3,487   | 3,648   | 3,624   | 3,638   | 3,568   | 3,605   | 3,675     | 3,769   | 4,180    | 4,465    |
| Females, . . . . .                              | 3,615                   | 3,193   | 3,184    | 3,448   | 3,611   | 3,583   | 3,588   | 3,525   | 3,567   | 3,637     | 3,717   | 4,088    | 4,224    |
|   | 39                      | 35      | 38       | 39      | 37      | 41      | 44      | 37      | 38      | 38        | 42      | 42       | 41       |
| <b>Awnings, Tents, and Sails.</b>               |                         |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 583                     | 591     | 531      | 563     | 461     | 494     | 509     | 478     | 578     | 537       | 550     | 510      | 598      |
| Females, . . . . .                              | 262                     | 197     | 229      | 252     | 310     | 334     | 340     | 316     | 264     | 289       | 226     | 217      | 203      |
|   | 121                     | 94      | 102      | 111     | 141     | 160     | 169     | 162     | 114     | 98        | 100     | 93       | 95       |

|                                      |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Baskets, and Rattan and Willow Ware. | 189   | 196   | 203   | 190   | 192   | 193   | 200   | 208   | 204   | 208   | 197   | 207   |
| Males, . . . . .                     | 183   | 190   | 202   | 185   | 188   | 188   | 196   | 202   | 196   | 196   | 191   | 201   |
| Females, . . . . .                   | 6     | 6     | 6     | 5     | 4     | 4     | 4     | 6     | 6     | 6     | 6     | 6     |
| Betting and Horse, Leather.          | 1,103 | 1,104 | 1,146 | 1,147 | 1,153 | 1,161 | 1,144 | 1,141 | 1,160 | 1,166 | 1,205 | 1,248 |
| Males, . . . . .                     | 1,116 | 1,067 | 1,080 | 1,104 | 1,108 | 1,115 | 1,086 | 1,092 | 1,111 | 1,147 | 1,157 | 1,210 |
| Females, . . . . .                   | 46    | 37    | 40    | 43    | 45    | 46    | 49    | 49    | 49    | 49    | 48    | 48    |
| Betting and Horse, Woven.            | 183   | 176   | 189   | 187   | 191   | 196   | 208   | 180   | 176   | 177   | 179   | 179   |
| Males, . . . . .                     | 99    | 96    | 103   | 104   | 103   | 110   | 111   | 97    | 94    | 96    | 96    | 93    |
| Females, . . . . .                   | 83    | 80    | 86    | 83    | 88    | 86    | 91    | 83    | 83    | 83    | 83    | 86    |
| Bicycles, Motorcycles, and Parts.    | 1,446 | 1,536 | 1,636 | 1,644 | 1,678 | 1,688 | 1,693 | 1,680 | 1,846 | 1,836 | 1,862 | 1,480 |
| Males, . . . . .                     | 1,542 | 1,631 | 1,631 | 1,633 | 1,672 | 1,685 | 1,689 | 1,678 | 1,821 | 1,832 | 1,866 | 1,454 |
| Females, . . . . .                   | 4     | 5     | 5     | 6     | 4     | 3     | 4     | 2     | 4     | 4     | 6     | 6     |
| Billiard Tables and Materials.       | 27    | 30    | 29    | 28    | 27    | 27    | 26    | 26    | 26    | 29    | 29    | 30    |
| Males, . . . . .                     | 27    | 30    | 29    | 28    | 27    | 27    | 26    | 26    | 26    | 28    | 28    | 29    |
| Females, . . . . .                   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     |
| Blacking.                            | 513   | 414   | 465   | 515   | 531   | 539   | 566   | 554   | 577   | 553   | 531   | 536   |
| Males, . . . . .                     | 237   | 208   | 217   | 223   | 231   | 231   | 239   | 231   | 235   | 233   | 233   | 241   |
| Females, . . . . .                   | 291   | 206   | 248   | 293   | 300   | 308   | 327   | 323   | 342   | 315   | 298   | 295   |
| Bookbinding and Blank-Book Making.   | 2,225 | 2,246 | 2,270 | 2,280 | 2,270 | 2,237 | 2,438 | 2,393 | 2,512 | 2,565 | 2,552 | 2,551 |
| Males, . . . . .                     | 1,211 | 1,175 | 1,196 | 1,196 | 1,194 | 1,233 | 1,239 | 1,230 | 1,206 | 1,214 | 1,229 | 1,237 |
| Females, . . . . .                   | 1,112 | 1,060 | 1,075 | 1,084 | 1,076 | 1,114 | 1,199 | 1,173 | 1,106 | 1,141 | 1,123 | 1,114 |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                          | Average<br>Number<br>Em-<br>ployed | January | Feb-<br>ruary | March  | April  | May    | June   | July   | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|------------------------------------|---------|---------------|--------|--------|--------|--------|--------|--------|----------------|---------|---------------|---------------|
| <b>Boot and Shoe Cut Stock and Findings.</b> |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 8,656                              | 8,859   | 8,797         | 8,790  | 8,395  | 8,248  | 8,292  | 8,076  | 8,280  | 8,314          | 8,243   | 8,588         | 8,657         |
| Females, . . . . .                           | 6,116                              | 6,222   | 6,141         | 6,130  | 5,854  | 5,771  | 5,822  | 5,633  | 5,864  | 5,886          | 5,818   | 6,015         | 6,098         |
|  | 2,540                              | 2,617   | 2,656         | 2,660  | 2,541  | 2,477  | 2,470  | 2,443  | 2,416  | 2,428          | 2,425   | 2,573         | 2,650         |
| <b>Boots and Shoes.</b>                      |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 81,962                             | 84,876  | 85,698        | 84,066 | 80,398 | 79,320 | 79,031 | 78,818 | 81,620 | 79,699         | 80,207  | 82,869        | 84,967        |
| Females, . . . . .                           | 53,336                             | 55,124  | 55,462        | 54,271 | 52,055 | 51,690 | 51,707 | 51,344 | 53,195 | 51,891         | 52,051  | 53,494        | 55,206        |
|  | 28,626                             | 29,752  | 30,136        | 29,824 | 28,341 | 27,630 | 27,324 | 27,474 | 28,425 | 27,808         | 28,156  | 28,775        | 29,751        |
| <b>Boots and Shoes, Rubber.</b>              |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 8,608                              | 8,212   | 8,376         | 8,600  | 8,420  | 8,549  | 9,042  | 8,841  | 7,563  | 9,137          | 9,207   | 8,607         | 8,922         |
| Females, . . . . .                           | 5,150                              | 4,935   | 5,088         | 5,199  | 4,958  | 5,057  | 5,388  | 5,295  | 4,366  | 5,500          | 5,534   | 5,133         | 5,329         |
|  | 3,456                              | 3,257   | 3,288         | 3,401  | 3,462  | 3,492  | 3,654  | 3,546  | 2,997  | 3,637          | 3,673   | 3,474         | 3,593         |
| <b>Boxes, Cigar.</b>                         |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 165                                | 170     | 166           | 167    | 159    | 162    | 163    | 162    | 162    | 164            | 167     | 171           | 170           |
| Females, . . . . .                           | 81                                 | 84      | 81            | 81     | 75     | 80     | 79     | 81     | 80     | 81             | 82      | 85            | 85            |
|  | 84                                 | 86      | 85            | 86     | 84     | 82     | 84     | 81     | 82     | 83             | 85      | 86            | 85            |
| <b>Boxes, Fancy and Paper.</b>               |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 4,186                              | 3,991   | 4,007         | 4,064  | 4,132  | 4,159  | 4,126  | 4,031  | 4,080  | 4,216          | 4,385   | 4,483         | 4,462         |
| Females, . . . . .                           | 1,419                              | 1,362   | 1,362         | 1,378  | 1,409  | 1,401  | 1,406  | 1,397  | 1,400  | 1,417          | 1,463   | 1,498         | 1,496         |
|  | 2,767                              | 2,629   | 2,645         | 2,686  | 2,723  | 2,758  | 2,719  | 2,654  | 2,680  | 2,799          | 2,922   | 2,985         | 2,966         |
| <b>Boxes, Wooden Packing.</b>                |                                    |         |               |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .                             | 3,722                              | 3,692   | 3,685         | 3,766  | 3,740  | 3,662  | 3,690  | 3,615  | 3,681  | 3,763          | 3,821   | 3,893         | 3,789         |
| Females, . . . . .                           | 3,376                              | 3,257   | 3,322         | 3,405  | 3,391  | 3,328  | 3,294  | 3,285  | 3,337  | 3,423          | 3,456   | 3,507         | 3,434         |
|  | 346                                | 335     | 343           | 351    | 349    | 334    | 336    | 330    | 344    | 340            | 365     | 386           | 355           |

|   |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Brass and Bronze Products.</b>       |   | 2,128 | 2,031 | 2,008 | 2,000 | 2,065 | 2,183 | 2,260 | 2,307 | 2,305 | 2,277 | 2,276 | 2,268 | 2,269 | 2,249 |
| Males,                                  | . | 2,122 | 1,939 | 2,025 | 2,060 | 2,025 | 2,083 | 2,209 | 2,266 | 2,264 | 2,237 | 2,238 | 2,238 | 2,230 | 2,207 |
| Females,                                | . | 40    | 42    | 41    | 40    | 40    | 40    | 41    | 41    | 41    | 40    | 40    | 40    | 42    | 42    |
| <b>Bread and Other Bakery Products.</b> |   | 6,868 | 6,401 | 6,471 | 6,368 | 6,717 | 6,886 | 6,987 | 7,069 | 7,076 | 6,996 | 7,005 | 7,005 | 7,104 | 7,007 |
| Males,                                  | . | 5,448 | 5,196 | 5,241 | 5,321 | 5,349 | 5,430 | 5,624 | 5,833 | 5,892 | 5,647 | 5,615 | 5,615 | 5,839 | 5,516 |
| Females,                                | . | 1,420 | 1,206 | 1,230 | 1,377 | 1,368 | 1,395 | 1,463 | 1,486 | 1,483 | 1,448 | 1,490 | 1,490 | 1,576 | 1,551 |
| <b>Brick and Tile.</b>                  |   | 913   | 208   | 225   | 330   | 691   | 1,480 | 1,691 | 1,549 | 1,506 | 1,287 | 1,008 | 1,008 | 621   | 894   |
| Males,                                  | . | 913   | 208   | 225   | 330   | 691   | 1,480 | 1,621 | 1,549 | 1,506 | 1,287 | 1,008 | 1,008 | 621   | 394   |
| Females,                                | . | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Brooms.</b>                          |   | 117   | 117   | 120   | 117   | 117   | 114   | 112   | 108   | 110   | 115   | 110   | 110   | 122   | 118   |
| Males,                                  | . | 109   | 108   | 111   | 109   | 108   | 106   | 104   | 100   | 102   | 107   | 112   | 112   | 114   | 110   |
| Females,                                | . | 8     | 9     | 9     | 8     | 9     | 9     | 8     | 8     | 8     | 8     | 7     | 8     | 8     | 8     |
| <b>Brushes.</b>                         |   | 1,607 | 1,690 | 1,600 | 1,613 | 1,612 | 1,596 | 1,585 | 1,485 | 1,488 | 1,569 | 1,637 | 1,715 | 1,715 | 1,743 |
| Males,                                  | . | 651   | 660   | 651   | 661   | 658   | 644   | 631   | 620   | 624   | 639   | 646   | 646   | 681   | 699   |
| Females,                                | . | 956   | 1,000 | 949   | 952   | 954   | 952   | 994   | 865   | 863   | 930   | 991   | 1,034 | 1,034 | 1,059 |
| <b>Butter.</b>                          |   | 43    | 43    | 41    | 41    | 43    | 44    | 45    | 44    | 44    | 44    | 43    | 43    | 43    | 43    |
| Males,                                  | . | 43    | 43    | 41    | 41    | 43    | 44    | 45    | 44    | 44    | 44    | 43    | 43    | 43    | 43    |
| Females,                                | . | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Buttons.</b>                         |   | 692   | 632   | 676   | 675   | 645   | 651   | 684   | 671   | 680   | 698   | 800   | 800   | 730   | 753   |
| Males,                                  | . | 328   | 322   | 322   | 311   | 300   | 311   | 289   | 232   | 337   | 349   | 390   | 390   | 323   | 338   |
| Females,                                | . | 364   | 360   | 354   | 364   | 345   | 340   | 335   | 339   | 343   | 349   | 410   | 410   | 407   | 415   |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.                        |  | Average<br>Number<br>Em-<br>ployed | January | Feb-<br>ruary | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|--|------------------------------------|---------|---------------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Canning and Preserving.</b>             |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 1,617                              | 1,671   | 1,678         | 1,567 | 1,484 | 1,399 | 1,608 | 1,535 | 1,499  | 1,581          | 1,763   | 1,808         | 1,881         |
| Females, . . . . .                         |  | 1,192                              | 1,296   | 1,284         | 1,176 | 1,107 | 1,020 | 1,098 | 1,119 | 1,084  | 1,111          | 1,272   | 1,315         | 1,388         |
|  |  | 425                                | 375     | 388           | 391   | 377   | 379   | 410   | 414   | 415    | 470            | 481     | 487           | 463           |
| <b>Card Cutting and Designing.</b>         |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 53                                 | 44      | 44            | 47    | 48    | 45    | 46    | 58    | 62     | 71             | 67      | 59            | 47            |
| Females, . . . . .                         |  | 27                                 | 23      | 23            | 25    | 25    | 25    | 25    | 25    | 30     | 32             | 31      | 25            | 24            |
|  |  | 26                                 | 21      | 21            | 22    | 23    | 20    | 21    | 27    | 32     | 39             | 36      | 27            | 23            |
| <b>Carpets and Rugs, Other than Rag.</b>   |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 5,839                              | 5,832   | 5,919         | 5,878 | 5,704 | 5,763 | 5,770 | 5,708 | 5,758  | 5,697          | 5,841   | 5,995         | 6,047         |
| Females, . . . . .                         |  | 3,235                              | 3,191   | 3,266         | 3,278 | 3,116 | 3,189 | 3,200 | 3,183 | 3,260  | 3,187          | 3,244   | 3,307         | 3,367         |
|  |  | 2,604                              | 2,641   | 2,653         | 2,700 | 2,588 | 2,574 | 2,570 | 2,525 | 2,498  | 2,510          | 2,597   | 2,688         | 2,680         |
| <b>Carpets, Rag.</b>                       |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 89                                 | 76      | 71            | 78    | 79    | 89    | 93    | 95    | 96     | 98             | 89      | 88            | 86            |
| Females, . . . . .                         |  | 77                                 | 65      | 61            | 67    | 68    | 76    | 78    | 81    | 83     | 83             | 78      | 76            | 73            |
|  |  | 12                                 | 10      | 10            | 11    | 11    | 13    | 15    | 14    | 13     | 10             | 11      | 12            | 12            |
| <b>Carriages and Sleds, Children's.</b>    |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 809                                | 991     | 993           | 987   | 894   | 781   | 665   | 512   | 572    | 677            | 774     | 888           | 963           |
| Females, . . . . .                         |  | 685                                | 830     | 826           | 827   | 754   | 672   | 579   | 447   | 491    | 579            | 658     | 749           | 802           |
|  |  | 124                                | 161     | 167           | 160   | 140   | 109   | 86    | 65    | 81     | 98             | 116     | 133           | 161           |
| <b>Carriages and Wagons and Materials.</b> |  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                           |  | 1,096                              | 1,011   | 1,048         | 1,135 | 1,203 | 1,202 | 1,177 | 1,116 | 1,087  | 1,060          | 1,042   | 1,028         | 1,017         |
| Females, . . . . .                         |  | 1,091                              | 1,007   | 1,037         | 1,129 | 1,196 | 1,196 | 1,173 | 1,114 | 1,085  | 1,048          | 1,041   | 1,026         | 1,016         |
|  |  | 5                                  | 4       | 5             | 6     | 7     | 6     | 4     | 2     | 2      | 2              | 1       | 2             | 1             |

|   |          |       |       |       |       |       |       |       |       |       |       |       |       |
|---|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cars and General Shop Construction and Repairs by Steam-Railroad Companies. | Males,   | 5,509 | 5,504 | 5,570 | 5,591 | 5,400 | 5,445 | 5,410 | 5,381 | 5,595 | 5,708 | 5,806 | 5,913 |
|   | Females, | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    | 23    |
| Chemicals.  |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 1,515    | 1,559 | 1,554 | 1,538 | 1,545 | 1,545 | 1,500 | 1,515 | 1,501 | 1,575 | 1,598 | 1,549 | 1,515 |
| Females,  | 87       | 86    | 84    | 87    | 87    | 93    | 93    | 92    | 95    | 93    | 100   | 85    | 80    |
| Cleaning and Polishing Preparations.  |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 70       | 63    | 63    | 66    | 73    | 74    | 74    | 76    | 70    | 73    | 70    | 69    | 57    |
| Females,  | 43       | 40    | 40    | 40    | 45    | 43    | 43    | 45    | 47    | 43    | 39    | 38    | 39    |
| Females,  | 27       | 23    | 23    | 26    | 28    | 31    | 31    | 31    | 33    | 31    | 31    | 31    | 18    |
| Clocks.   |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 579      | 573   | 575   | 575   | 570   | 574   | 574   | 576   | 574   | 577   | 591   | 593   | 595   |
| Females,  | 243      | 238   | 241   | 243   | 238   | 239   | 239   | 241   | 239   | 240   | 254   | 254   | 256   |
| Females,  | 36       | 35    | 34    | 33    | 33    | 35    | 35    | 35    | 35    | 37    | 37    | 39    | 39    |
| Cloth, Sponging and Reddishing.   |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 45       | 46    | 45    | 45    | 48    | 41    | 41    | 42    | 45    | 43    | 46    | 44    | 44    |
| Females,  | 43       | 46    | 45    | 45    | 43    | 41    | 41    | 42    | 45    | 43    | 46    | 44    | 44    |
| Females,  | -        | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Clothing, Men's.  |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 5,873    | 5,535 | 5,638 | 5,515 | 5,359 | 5,314 | 5,314 | 5,733 | 5,452 | 5,188 | 5,317 | 5,117 | 5,031 |
| Females,  | 2,813    | 2,605 | 2,609 | 2,733 | 2,759 | 2,742 | 2,742 | 2,745 | 2,718 | 2,961 | 2,961 | 2,917 | 2,877 |
| Females,  | 3,040    | 2,930 | 2,969 | 3,063 | 3,100 | 3,072 | 3,072 | 3,038 | 2,940 | 3,147 | 3,326 | 3,200 | 3,154 |
| Clothing, Women's.  |          |       |       |       |       |       |       |       |       |       |       |       |       |
| Males,  | 5,574    | 5,419 | 5,751 | 5,577 | 5,173 | 5,081 | 5,081 | 5,311 | 4,591 | 5,573 | 5,587 | 5,359 | 5,515 |
| Females,  | 1,353    | 1,378 | 1,389 | 1,497 | 1,528 | 1,473 | 1,473 | 1,370 | 1,223 | 1,403 | 1,438 | 1,329 | 1,237 |
| Females,  | 4,222    | 4,141 | 4,392 | 4,580 | 4,644 | 4,508 | 4,508 | 4,241 | 3,563 | 4,170 | 4,549 | 4,510 | 4,288 |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.                                   | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Coffee and Spice, Roasting and Grinding.</b>       |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                      | 365                     | 368     | 380      | 367   | 369   | 368   | 374   | 360   | 367    | 364       | 368     | 391      | 385      |
| Females, . . . . .                                    | 230                     | 238     | 241      | 240   | 244   | 243   | 236   | 233   | 240    | 237       | 239     | 237      | 236      |
|   | 146                     | 144     | 139      | 147   | 145   | 145   | 138   | 147   | 147    | 147       | 159     | 154      | 149      |
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                      | 371                     | 373     | 377      | 380   | 371   | 377   | 368   | 364   | 366    | 364       | 372     | 374      | 367      |
| Females, . . . . .                                    | 326                     | 330     | 328      | 332   | 324   | 333   | 323   | 321   | 324    | 319       | 328     | 331      | 323      |
|   | 45                      | 48      | 49       | 48    | 47    | 44    | 45    | 43    | 42     | 45        | 44      | 43       | 44       |
| <b>Combs and Hairpins.</b>                            |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                      | 2,144                   | 1,997   | 1,837    | 1,845 | 1,855 | 1,865 | 2,010 | 2,038 | 2,165  | 2,494     | 2,637   | 2,683    | 2,449    |
| Females, . . . . .                                    | 1,575                   | 1,507   | 1,413    | 1,402 | 1,371 | 1,372 | 1,482 | 1,484 | 1,595  | 1,785     | 1,824   | 1,803    | 1,765    |
|   | 569                     | 490     | 474      | 443   | 484   | 483   | 558   | 552   | 560    | 639       | 713     | 730      | 677      |
| <b>Confectionery.</b>                                 |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                      | 6,794                   | 6,503   | 6,608    | 6,639 | 6,311 | 6,093 | 6,853 | 5,783 | 6,780  | 7,637     | 7,873   | 7,943    | 7,370    |
| Females, . . . . .                                    | 1,766                   | 1,713   | 1,736    | 1,749 | 1,672 | 1,691 | 1,628 | 1,511 | 1,707  | 1,915     | 2,009   | 2,027    | 1,949    |
|   | 5,028                   | 4,590   | 4,872    | 4,890 | 4,639 | 4,472 | 4,825 | 4,272 | 5,083  | 5,722     | 5,864   | 5,916    | 5,421    |
| <b>Cooperage.</b>                                     |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                      | 778                     | 808     | 814      | 801   | 807   | 779   | 732   | 724   | 728    | 764       | 772     | 783      | 787      |
| Females, . . . . .                                    | 770                     | 800     | 806      | 793   | 799   | 771   | 794   | 718   | 722    | 756       | 764     | 775      | 770      |
|   | 8                       | 8       | 8        | 8     | 8     | 8     | 8     | 6     | 6      | 8         | 8       | 8        | 8        |

| Copper, Tin, and Sheet-Iron Products.       |         |         |         |         |         |         |         |         |         |         |         |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Males.                                      | 2,468   | 2,494   | 2,468   | 2,447   | 2,469   | 2,601   | 2,278   | 2,671   | 2,689   | 2,678   | 2,682   |
| Females.                                    | 2,273   | 2,211   | 2,177   | 2,236   | 2,223   | 2,257   | 2,253   | 2,265   | 2,212   | 2,302   | 2,305   |
|   | 315     | 283     | 291     | 321     | 336     | 344     | 326     | 266     | 326     | 316     | 327     |
| Gordage and Twine.                          |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 2,660   | 2,607   | 2,686   | 2,677   | 2,660   | 2,686   | 2,689   | 2,483   | 2,485   | 2,398   | 2,554   |
| Females.                                    | 2,029   | 1,965   | 2,104   | 2,153   | 2,165   | 2,154   | 2,101   | 1,907   | 1,894   | 1,861   | 2,011   |
|   | 531     | 522     | 522     | 524     | 525     | 542     | 538     | 516     | 531     | 532     | 543     |
| Cordials and Sirups.                        |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 93      | 73      | 73      | 76      | 89      | 107     | 109     | 113     | 96      | 98      | 81      |
| Females.                                    | 53      | 43      | 45      | 46      | 57      | 56      | 63      | 69      | 53      | 47      | 43      |
|   | 41      | 30      | 28      | 29      | 32      | 51      | 46      | 43      | 44      | 51      | 38      |
| Conseals.                                   |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 2,313   | 2,683   | 2,707   | 2,771   | 2,770   | 2,776   | 2,796   | 2,769   | 2,893   | 2,922   | 2,896   |
| Females.                                    | 285     | 274     | 275     | 286     | 280     | 279     | 279     | 264     | 284     | 295     | 301     |
|   | 2,528   | 2,389   | 2,432   | 2,485   | 2,490   | 2,497   | 2,517   | 2,475   | 2,494   | 2,627   | 2,635   |
| Cotton Goods.                               |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 111,491 | 110,893 | 109,996 | 111,875 | 107,080 | 112,839 | 113,177 | 109,787 | 105,064 | 111,303 | 115,938 |
| Females.                                    | 60,173  | 60,133  | 59,489  | 60,414  | 57,742  | 60,783  | 61,062  | 59,363  | 56,728  | 60,182  | 62,808  |
|   | 51,248  | 50,760  | 50,507  | 51,461  | 49,318  | 52,156  | 52,115  | 50,434  | 48,336  | 51,121  | 53,324  |
| Cotton Small Wares.                         |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 963     | 986     | 919     | 971     | 963     | 991     | 980     | 892     | 969     | 976     | 981     |
| Females.                                    | 416     | 395     | 405     | 423     | 419     | 414     | 412     | 398     | 415     | 423     | 418     |
|   | 547     | 531     | 514     | 548     | 544     | 577     | 568     | 494     | 554     | 563     | 563     |
| Outlery and Tools, not Elsewhere Specified. |         |         |         |         |         |         |         |         |         |         |         |
| Males.                                      | 6,632   | 6,638   | 6,792   | 6,632   | 6,579   | 6,570   | 6,693   | 6,439   | 6,550   | 6,784   | 6,935   |
| Females.                                    | 5,968   | 5,783   | 5,920   | 5,919   | 5,950   | 5,906   | 5,969   | 5,800   | 5,846   | 6,073   | 6,214   |
|   | 714     | 875     | 872     | 703     | 629     | 761     | 667     | 639     | 684     | 711     | 711     |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                                      | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|--|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Dairymen's, Poulterers', and Apiarists' Supplies.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 28                                 | 23      | 25       | 25     | 23     | 26     | 27     | 32     | 35     | 31        | 30      | 28       | 25       |
| Females, . . . . .                                       | 22                                 | 17      | 18       | 18     | 10     | 21     | 21     | 25     | 27     | 25        | 24      | 24       | 22       |
|  | 6                                  | 6       | 7        | 4      | 4      | 5      | 6      | 7      | 8      | 6         | 6       | 4        | 3        |
| <b>Dentists' Materials.</b>                              |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 61                                 | 63      | 62       | 64     | 65     | 63     | 63     | 68     | 60     | 60        | 62      | 65       | 64       |
| Females, . . . . .                                       | 36                                 | 37      | 36       | 37     | 27     | 37     | 37     | 36     | 35     | 35        | 37      | 38       | 37       |
|  | 25                                 | 26      | 26       | 27     | 28     | 26     | 26     | 26     | 25     | 25        | 25      | 27       | 27       |
| <b>Dyeing and Finishing Textiles.</b>                    |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 10,714                             | 10,126  | 10,110   | 10,731 | 10,780 | 10,866 | 10,917 | 10,815 | 10,858 | 10,555    | 10,710  | 10,893   | 11,068   |
| Females, . . . . .                                       | 8,493                              | 8,016   | 7,990    | 8,544  | 8,503  | 8,503  | 8,694  | 8,600  | 8,701  | 8,420     | 8,406   | 8,665    | 8,732    |
|  | 2,221                              | 2,111   | 2,120    | 2,237  | 2,277  | 2,304  | 2,293  | 2,215  | 2,151  | 2,165     | 2,204   | 2,228    | 2,330    |
| <b>Dyestuffs and Extracts.</b>                           |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 118                                | 113     | 123      | 117    | 109    | 112    | 105    | 102    | 103    | 103       | 111     | 122      | 118      |
| Females, . . . . .                                       | 112                                | 113     | 123      | 117    | 109    | 112    | 105    | 102    | 103    | 103       | 111     | 122      | 118      |
|  | -                                  | -       | -        | -      | -      | -      | -      | -      | -      | -         | -       | -        | -        |
| <b>Electrical Machinery, Apparatus, and Supplies.</b>    |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 20,317                             | 19,071  | 19,139   | 19,233 | 19,608 | 19,918 | 20,285 | 20,110 | 20,810 | 20,880    | 21,198  | 21,632   | 21,799   |
| Females, . . . . .                                       | 16,270                             | 15,227  | 15,243   | 15,383 | 15,668 | 15,731 | 16,096 | 16,264 | 16,549 | 16,768    | 17,095  | 17,583   | 17,764   |
|  | 4,047                              | 3,847   | 3,946    | 3,949  | 4,038  | 4,182  | 4,189  | 3,856  | 4,061  | 4,052     | 4,103   | 4,079    | 4,035    |

| Electroplating.                          |   | 229   | 230   | 231   | 232   | 233   | 234   | 235   | 236   | 237   | 238   | 239   | 240   | 241   | 242   | 243   | 244   |
|--|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Males,                                   | . | 215   | 208   | 212   | 216   | 220   | 224   | 228   | 232   | 236   | 240   | 244   | 248   | 252   | 256   | 260   | 264   |
| Females,                                 | . | 14    | 12    | 12    | 12    | 12    | 11    | 12    | 12    | 12    | 10    | 10    | 15    | 19    | 22    | 26    | 30    |
| Emery and Other Abrasive Wheels.         |   | 205   | 764   | 791   | 809   | 829   | 859   | 890   | 928   | 968   | 1,008 | 1,048 | 1,088 | 1,128 | 1,168 | 1,208 | 1,248 |
| Males,                                   | . | 894   | 767   | 774   | 791   | 819   | 849   | 880   | 912   | 944   | 976   | 1,008 | 1,040 | 1,072 | 1,104 | 1,136 | 1,168 |
| Females,                                 | . | 21    | 17    | 17    | 18    | 20    | 20    | 21    | 20    | 23    | 23    | 24    | 26    | 28    | 30    | 32    | 34    |
| Enameling and Japanning.                 |   | 125   | 107   | 121   | 130   | 142   | 155   | 168   | 182   | 196   | 210   | 224   | 238   | 252   | 266   | 280   | 294   |
| Males,                                   | . | 80    | 64    | 76    | 78    | 73    | 73    | 80    | 83    | 86    | 87    | 86    | 89    | 94    | 98    | 102   | 106   |
| Females,                                 | . | 45    | 43    | 46    | 42    | 39    | 39    | 37    | 46    | 47    | 47    | 50    | 55    | 55    | 55    | 55    | 55    |
| Engraving and Disinting.                 |   | 131   | 126   | 120   | 127   | 133   | 138   | 146   | 154   | 162   | 170   | 178   | 186   | 194   | 202   | 210   | 218   |
| Males,                                   | . | 143   | 155   | 151   | 148   | 144   | 144   | 146   | 139   | 128   | 128   | 136   | 141   | 145   | 145   | 152   | 157   |
| Females,                                 | . | 38    | 41    | 39    | 39    | 39    | 39    | 39    | 39    | 36    | 32    | 38    | 45    | 41    | 41    | 38    | 38    |
| Envelopes.                               |   | 2,076 | 1,935 | 2,015 | 2,090 | 2,083 | 2,101 | 2,180 | 2,260 | 2,340 | 2,420 | 2,500 | 2,580 | 2,660 | 2,740 | 2,820 | 2,900 |
| Males,                                   | . | 692   | 666   | 668   | 691   | 700   | 709   | 731   | 759   | 785   | 811   | 837   | 863   | 889   | 915   | 941   | 967   |
| Females,                                 | . | 1,384 | 1,269 | 1,347 | 1,399 | 1,383 | 1,392 | 1,449 | 1,509 | 1,555 | 1,609 | 1,663 | 1,717 | 1,771 | 1,825 | 1,879 | 1,933 |
| Fancy Articles, not elsewhere Specified. |   | 223   | 216   | 217   | 226   | 235   | 245   | 254   | 263   | 272   | 281   | 290   | 299   | 308   | 317   | 326   | 335   |
| Males,                                   | . | 90    | 73    | 78    | 83    | 83    | 83    | 86    | 88    | 85    | 85    | 86    | 86    | 86    | 86    | 86    | 86    |
| Females,                                 | . | 132   | 143   | 139   | 143   | 152   | 162   | 168   | 174   | 186   | 193   | 203   | 219   | 231   | 241   | 251   | 261   |
| Felt Goods.                              |   | 766   | 771   | 758   | 768   | 766   | 766   | 767   | 769   | 776   | 781   | 781   | 785   | 785   | 774   | 776   | 776   |
| Males,                                   | . | 639   | 655   | 642   | 655   | 652   | 652   | 644   | 636   | 653   | 605   | 611   | 633   | 644   | 644   | 645   | 645   |
| Females,                                 | . | 117   | 116   | 116   | 107   | 114   | 114   | 123   | 134   | 123   | 102   | 120   | 122   | 130   | 130   | 131   | 131   |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.                       | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|---|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Firearms.</b>                          |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 2,511                              | 2,535   | 2,537    | 2,501  | 2,480  | 2,458  | 2,480  | 2,465  | 2,432  | 2,463     | 2,564   | 2,605    | 2,618    |
| Females, . . . . .                        | 2,474                              | 2,499   | 2,501    | 2,464  | 2,445  | 2,434  | 2,442  | 2,429  | 2,397  | 2,435     | 2,524   | 2,566    | 2,570    |
|   | 37                                 | 36      | 36       | 37     | 35     | 34     | 38     | 36     | 35     | 38        | 40      | 39       | 42       |
| <b>Flavoring Extracts.</b>                |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 99                                 | 87      | 84       | 84     | 88     | 93     | 108    | 106    | 102    | 94        | 90      | 92       | 93       |
| Females, . . . . .                        | 40                                 | 36      | 37       | 38     | 36     | 39     | 43     | 43     | 41     | 39        | 41      | 42       | 43       |
|   | 52                                 | 51      | 47       | 46     | 46     | 54     | 60     | 63     | 61     | 55        | 49      | 50       | 50       |
| <b>Flour-Mill and Gristmill Products.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 140                                | 139     | 138      | 139    | 141    | 140    | 140    | 139    | 139    | 139       | 138     | 136      | 137      |
| Females, . . . . .                        | 138                                | 137     | 136      | 137    | 139    | 138    | 138    | 137    | 137    | 137       | 136     | 134      | 135      |
|   | 2                                  | 2       | 2        | 2      | 2      | 2      | 2      | 2      | 2      | 2         | 2       | 2        | 2        |
| <b>Food Preparations.</b>                 |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 315                                | 468     | 461      | 370    | 326    | 246    | 235    | 229    | 225    | 227       | 268     | 283      | 372      |
| Females, . . . . .                        | 236                                | 353     | 356      | 279    | 240    | 193    | 186    | 183    | 173    | 175       | 203     | 200      | 272      |
|   | 79                                 | 110     | 105      | 91     | 86     | 53     | 49     | 46     | 52     | 52        | 65      | 83       | 100      |
| <b>Foundry and Machine-Shop Products.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 37,544                             | 36,086  | 36,013   | 36,349 | 36,349 | 36,468 | 36,376 | 37,128 | 37,487 | 38,185    | 38,245  | 40,019   | 40,373   |
| Females, . . . . .                        | 36,919                             | 35,465  | 35,387   | 35,714 | 35,738 | 35,800 | 36,246 | 36,514 | 36,889 | 37,595    | 38,330  | 39,378   | 39,611   |
|   | 625                                | 621     | 626      | 635    | 611    | 608    | 630    | 614    | 598    | 590       | 613     | 641      | 662      |
| <b>Fur Goods.</b>                         |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 213                                | 208     | 183      | 168    | 168    | 206    | 217    | 215    | 254    | 237       | 252     | 269      | 284      |
| Females, . . . . .                        | 109                                | 105     | 78       | 82     | 85     | 104    | 111    | 111    | 117    | 120       | 127     | 131      | 130      |
|   | 104                                | 103     | 75       | 76     | 80     | 101    | 106    | 104    | 117    | 117       | 125     | 128      | 124      |

|  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Furnishing Goods, Men's.</b>                  |  | 401   | 518   | 579   | 410   | 398   | 573   | 361   | 348   | 398   | 408   | 458   | 478   | 487   |
| Males, . . . . .                                 |  | 69    | 62    | 63    | 66    | 68    | 69    | 71    | 70    | 65    | 62    | 68    | 75    | 72    |
| Females, . . . . .                               |  | 332   | 256   | 309   | 344   | 318   | 304   | 290   | 278   | 333   | 346   | 370   | 403   | 395   |
| <b>Furniture.</b>                                |  | 7,589 | 7,383 | 7,400 | 7,683 | 7,550 | 7,398 | 7,368 | 7,153 | 7,383 | 7,624 | 7,956 | 8,158 | 8,160 |
| Males, . . . . .                                 |  | 6,934 | 6,709 | 6,800 | 6,981 | 6,868 | 6,721 | 6,667 | 6,533 | 6,762 | 6,968 | 7,288 | 7,424 | 7,444 |
| Females, . . . . .                               |  | 655   | 614   | 640   | 662   | 662   | 641   | 615   | 610   | 621   | 656   | 717   | 714   | 706   |
| <b>Galvanizing.</b>                              |  | 14    | 18    | 13    | 16    | 16    | 16    | 16    | 17    | 17    | 16    | 11    | 7     | 6     |
| Males, . . . . .                                 |  | 14    | 12    | 13    | 16    | 16    | 18    | 15    | 17    | 17    | 16    | 11    | 7     | 5     |
| Females, . . . . .                               |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Gas and Electric Fixtures.</b>                |  | 180   | 186   | 184   | 188   | 184   | 185   | 186   | 119   | 189   | 186   | 140   | 140   | 148   |
| Males, . . . . .                                 |  | 129   | 125   | 123   | 127   | 123   | 124   | 125   | 118   | 131   | 135   | 139   | 139   | 141   |
| Females, . . . . .                               |  | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| <b>Glass Cutting, Staining, and Ornamenting.</b> |  | 236   | 241   | 232   | 238   | 234   | 236   | 236   | 216   | 232   | 238   | 261   | 266   | 267   |
| Males, . . . . .                                 |  | 224   | 226   | 217   | 223   | 221   | 213   | 213   | 206   | 221   | 227   | 240   | 246   | 247   |
| Females, . . . . .                               |  | 12    | 15    | 15    | 15    | 13    | 13    | 13    | 11    | 11    | 11    | 11    | 10    | 10    |
| <b>Glue.</b>                                     |  | 563   | 601   | 595   | 588   | 597   | 604   | 566   | 505   | 472   | 586   | 575   | 598   | 535   |
| Males, . . . . .                                 |  | 448   | 475   | 470   | 463   | 480   | 480   | 423   | 410   | 391   | 441   | 454   | 465   | 400   |
| Females, . . . . .                               |  | 115   | 126   | 125   | 118   | 117   | 124   | 137   | 95    | 81    | 85    | 121   | 131   | 125   |
| <b>Gold and Silver, Leaf and Foil.</b>           |  | 134   | 136   | 136   | 138   | 135   | 133   | 131   | 122   | 120   | 120   | 126   | 143   | 143   |
| Males, . . . . .                                 |  | 72    | 72    | 74    | 76    | 73    | 72    | 73    | 71    | 65    | 66    | 70    | 78    | 73    |
| Females, . . . . .                               |  | 61    | 63    | 62    | 62    | 62    | 61    | 59    | 57    | 55    | 61    | 65    | 65    | 70    |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.  | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Gold and Silver, Reducing and Refining,<br/>not from the Ore.</b> | 108                                | 108     | 101      | 104   | 108   | 107   | 108   | 104   | 107    | 111       | 110     | 110      | 108      |
| Males, . . . . .   | 87                                 | 88      | 84       | 88    | 84    | 86    | 86    | 86    | 87     | 92        | 91      | 91       | 90       |
| Females, . . . . .   | 19                                 | 21      | 17       | 21    | 19    | 21    | 17    | 18    | 20     | 19        | 19      | 19       | 18       |
| <b>Grease and Tallow.</b>  | 665                                | 665     | 676      | 670   | 687   | 680   | 665   | 670   | 665    | 653       | 669     | 669      | 660      |
| Males, . . . . .   | 651                                | 652     | 659      | 653   | 659   | 647   | 650   | 651   | 646    | 640       | 652     | 657      | 647      |
| Females, . . . . .   | 14                                 | 13      | 17       | 17    | 8     | 13    | 15    | 19    | 19     | 13        | 16      | 12       | 13       |
| <b>Hand-Knit Goods.</b>  | 8                                  | 8       | 8        | 9     | 7     | 6     | 6     | 6     | 6      | 6         | 6       | 6        | 6        |
| Males, . . . . .   | 6                                  | 4       | 4        | 5     | 5     | 5     | 5     | 5     | 5      | 5         | 5       | 4        | 4        |
| Females, . . . . .   | 2                                  | 4       | 4        | 4     | 2     | 1     | 1     | 1     | 1      | 1         | 1       | 1        | 1        |
| <b>Hand Stamps and Stencils and<br/>Brands.</b>                      | 109                                | 107     | 110      | 108   | 108   | 111   | 109   | 108   | 104    | 107       | 108     | 113      | 116      |
| Males, . . . . .   | 91                                 | 91      | 94       | 92    | 89    | 91    | 90    | 91    | 88     | 89        | 90      | 94       | 96       |
| Females, . . . . .   | 18                                 | 16      | 16       | 16    | 19    | 20    | 19    | 17    | 16     | 18        | 18      | 19       | 19       |
| <b>Hardware.</b>   | 1,723                              | 1,653   | 1,649    | 1,655 | 1,739 | 1,747 | 1,707 | 1,678 | 1,684  | 1,683     | 1,768   | 1,876    | 1,818    |
| Males, . . . . .   | 1,622                              | 1,563   | 1,545    | 1,555 | 1,642 | 1,658 | 1,612 | 1,576 | 1,585  | 1,576     | 1,653   | 1,763    | 1,706    |
| Females, . . . . .   | 100                                | 90      | 104      | 100   | 97    | 89    | 95    | 102   | 99     | 107       | 105     | 112      | 112      |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.   | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|---|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Iron and Steel, Steel Works and<br/>Rolling Mills.</b>   |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .  | 2,081                              | 3,004   | 2,998    | 2,990 | 2,996 | 3,000 | 2,947 | 2,919 | 2,065  | 2,161          | 2,231   | 2,240         | 2,252         |
| Females, . . . . .  | 133                                | 123     | 127      | 124   | 118   | 120   | 131   | 132   | 145    | 138            | 137     | 154           | 149           |
| <b>Iron and Steel, Bolts, Nuts, Washers,<br/>and Rivets, not made in Steel Works<br/>or Rolling Mills.</b>                            |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .  | 1,311                              | 1,313   | 1,300    | 1,276 | 1,265 | 1,283 | 1,282 | 1,245 | 1,296  | 1,228          | 1,258   | 1,279         | 1,291         |
| Females, . . . . .  | 416                                | 438     | 426      | 412   | 409   | 408   | 396   | 385   | 382    | 411            | 433     | 449           | 446           |
| <b>Iron and Steel Forgings.</b>   |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .  | 555                                | 471     | 493      | 510   | 533   | 543   | 554   | 561   | 570    | 598            | 608     | 615           | 624           |
| Females, . . . . .  | 555                                | 471     | 493      | 510   | 532   | 543   | 554   | 561   | 570    | 592            | 608     | 615           | 624           |
| <b>Iron and Steel, Nails and Spikes, Cut<br/>and Wrought, Including Wire Nails,<br/>not made in Steel Works or Rolling<br/>Mills.</b> |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .  | 1,148                              | 1,166   | 1,159    | 1,149 | 1,113 | 1,098 | 1,101 | 1,115 | 1,126  | 1,138          | 1,149   | 1,163         | 1,185         |
| Females, . . . . .  | 209                                | 274     | 274      | 276   | 260   | 252   | 253   | 263   | 255    | 266            | 265     | 280           | 287           |

|   |       |       |       |       |       |       |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Ivory, Shell, and Bone Work, not In-<br>cluding Combs and Hairpins. | 84    | 73    | 71    | 69    | 88    | 108   | 91    | 84    | 96    | 117   | 108   | 106   |
| Males, . . . . .  | 81    | 66    | 64    | 81    | 80    | 87    | 89    | 74    | 81    | 96    | 87    | 88    |
| Females, . . . . .  | 13    | 7     | 7     | 12    | 8     | 16    | 17    | 10    | 14    | 21    | 16    | 18    |
| <b>Jewelry.</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 7,680 | 7,669 | 7,491 | 7,570 | 7,122 | 7,286 | 7,317 | 7,180 | 7,490 | 7,567 | 8,081 | 8,049 |
| Females, . . . . .  | 5,080 | 5,302 | 4,975 | 4,901 | 4,732 | 4,902 | 4,886 | 4,800 | 4,880 | 5,280 | 5,415 | 5,365 |
|   | 2,550 | 2,667 | 2,516 | 2,499 | 2,390 | 2,424 | 2,431 | 2,380 | 2,510 | 2,677 | 2,681 | 2,677 |
| <b>Jewelry and Instrument Cases.</b>                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 876   | 877   | 848   | 838   | 848   | 852   | 856   | 855   | 859   | 905   | 918   | 900   |
| Females, . . . . .  | 87    | 75    | 76    | 73    | 75    | 80    | 82    | 82    | 82    | 98    | 102   | 96    |
|   | 188   | 202   | 172   | 166   | 173   | 172   | 174   | 173   | 177   | 207   | 212   | 204   |
| <b>Kaoilin and Ground Earthen.</b>                                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 65    | 61    | 61    | 68    | 65    | 64    | 68    | 61    | 63    | 69    | 71    | 68    |
| Females, . . . . .  | 65    | 61    | 61    | 63    | 65    | 64    | 62    | 61    | 63    | 66    | 71    | 68    |
|   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Labels and Tags.</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 23    | 21    | 21    | 21    | 21    | 20    | 20    | 23    | 21    | 21    | 21    | 22    |
| Females, . . . . .  | 17    | 17    | 17    | 17    | 17    | 16    | 16    | 18    | 16    | 16    | 16    | 16    |
|   | 5     | 4     | 4     | 4     | 4     | 4     | 4     | 5     | 5     | 5     | 5     | 6     |
| <b>Lamps and Reflectors.</b>  |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 408   | 385   | 390   | 398   | 379   | 372   | 392   | 406   | 412   | 452   | 415   | 451   |
| Females, . . . . .  | 383   | 365   | 367   | 375   | 355   | 349   | 371   | 356   | 393   | 406   | 394   | 423   |
|   | 24    | 20    | 23    | 23    | 24    | 23    | 21    | 20    | 19    | 27    | 21    | 28    |
| <b>Lasts.</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .  | 884   | 940   | 917   | 881   | 881   | 841   | 867   | 852   | 864   | 885   | 890   | 922   |
| Females, . . . . .  | 883   | 960   | 917   | 881   | 881   | 839   | 855   | 849   | 841   | 834   | 839   | 955   |
|   | 1     | -     | -     | -     | -     | 2     | 2     | 3     | 3     | 1     | 1     | 1     |



|  |  |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Liquors, Malt.</b>                    |  | 1,865 | 1,791 | 1,768 | 1,813 | 1,839 | 1,867 | 1,954 | 2,016 | 1,974 | 1,940 | 1,910 | 1,865 |
| Males, . . . . .                         |  | 1,872 | 1,779 | 1,776 | 1,800 | 1,826 | 1,854 | 1,940 | 2,002 | 1,960 | 1,926 | 1,897 | 1,840 |
| Females, . . . . .                       |  | 13    | 12    | 12    | 13    | 13    | 13    | 14    | 14    | 14    | 14    | 13    | 13    |
| <b>Looking-Glass and Picture Frames.</b> |  | 229   | 217   | 222   | 229   | 225   | 224   | 218   | 210   | 207   | 222   | 246   | 254   |
| Males, . . . . .                         |  | 212   | 202   | 207   | 207   | 208   | 206   | 202   | 194   | 192   | 209   | 227   | 225   |
| Females, . . . . .                       |  | 17    | 15    | 15    | 15    | 17    | 18    | 16    | 16    | 15    | 13    | 19    | 19    |
| <b>Lumber and Timber Products.</b>       |  | 605   | 590   | 584   | 608   | 587   | 554   | 467   | 518   | 651   | 670   | 678   | 687   |
| Males, . . . . .                         |  | 594   | 581   | 572   | 590   | 576   | 543   | 458   | 508   | 640   | 659   | 664   | 667   |
| Females, . . . . .                       |  | 11    | 9     | 12    | 12    | 11    | 11    | 9     | 10    | 11    | 11    | 11    | 10    |
| <b>Lumber, Planing-Mill Products.</b>    |  | 3,223 | 3,189 | 3,115 | 3,148 | 3,225 | 3,209 | 3,268 | 3,400 | 3,464 | 3,507 | 3,480 | 3,399 |
| Males, . . . . .                         |  | 3,216 | 3,122 | 3,107 | 3,140 | 3,217 | 3,201 | 3,259 | 3,393 | 3,457 | 3,500 | 3,453 | 3,392 |
| Females, . . . . .                       |  | 7     | 7     | 8     | 8     | 8     | 8     | 7     | 7     | 7     | 7     | 7     | 7     |
| <b>Marble and Stone Work.</b>            |  | 3,286 | 3,054 | 2,548 | 2,548 | 3,071 | 2,408 | 3,201 | 3,263 | 3,879 | 3,324 | 3,607 | 3,665 |
| Males, . . . . .                         |  | 3,226 | 2,954 | 2,548 | 2,542 | 3,071 | 3,408 | 3,201 | 3,263 | 3,879 | 3,324 | 3,607 | 3,665 |
| Females, . . . . .                       |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Mattresses and Spring Beds.</b>       |  | 718   | 649   | 661   | 663   | 708   | 757   | 788   | 774   | 748   | 759   | 741   | 676   |
| Males, . . . . .                         |  | 564   | 495   | 513   | 545   | 552   | 581   | 616   | 610   | 587   | 599   | 580   | 532   |
| Females, . . . . .                       |  | 154   | 147   | 143   | 143   | 151   | 166   | 167   | 164   | 155   | 160   | 161   | 144   |
| <b>Millinery and Lace Goods.</b>         |  | 1,707 | 1,773 | 1,937 | 2,063 | 1,961 | 1,236 | 1,593 | 1,864 | 1,424 | 1,663 | 1,763 | 1,990 |
| Males, . . . . .                         |  | 311   | 319   | 341   | 351   | 334   | 269   | 242   | 267   | 312   | 340   | 336   | 316   |
| Females, . . . . .                       |  | 1,396 | 1,454 | 1,596 | 1,712 | 1,617 | 1,237 | 1,051 | 997   | 1,112 | 1,323 | 1,427 | 1,604 |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.                                       | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Mineral and Soda Waters.</b>                           | 498                     | 508     | 513      | 553   | 444   | 408   | 579   | 661   | 538    | 407       | 349     | 308      | 303      |
| Males, . . . . .  | 423                     | 305     | 309      | 350   | 440   | 403   | 574   | 655   | 577    | 404       | 346     | 305      | 299      |
| Females, . . . . .  | 3                       | 3       | 3        | 3     | 4     | 5     | 5     | 6     | 5      | 3         | 3       | 3        | 3        |
| <b>Models and Patterns, not Including Paper Patterns.</b> | 414                     | 414     | 413      | 383   | 384   | 380   | 451   | 447   | 455    | 393       | 399     | 401      | 440      |
| Males, . . . . .  | 397                     | 398     | 397      | 373   | 369   | 377   | 433   | 426   | 434    | 376       | 374     | 392      | 423      |
| Females, . . . . .  | 17                      | 16      | 16       | 15    | 15    | 13    | 19    | 21    | 21     | 17        | 18      | 19       | 17       |
| <b>Monuments and Tombstones.</b>                          | 1,303                   | 1,055   | 1,106    | 1,259 | 1,364 | 1,459 | 1,398 | 1,393 | 1,411  | 1,369     | 1,369   | 1,373    | 1,184    |
| Males, . . . . .  | 1,303                   | 1,055   | 1,106    | 1,259 | 1,364 | 1,459 | 1,398 | 1,392 | 1,411  | 1,359     | 1,359   | 1,372    | 1,184    |
| Females, . . . . .  | -                       | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Mucilage and Paste.</b>                                | 102                     | 106     | 109      | 105   | 104   | 109   | 99    | 94    | 95     | 94        | 108     | 101      | 104      |
| Males, . . . . .  | 80                      | 83      | 83       | 79    | 79    | 80    | 79    | 74    | 76     | 77        | 79      | 80       | 82       |
| Females, . . . . .  | 22                      | 23      | 27       | 26    | 25    | 22    | 20    | 20    | 20     | 17        | 23      | 21       | 22       |
| <b>Musical Instruments and Materials, not Specified.</b>  | 158                     | 148     | 143      | 147   | 146   | 146   | 145   | 147   | 148    | 155       | 159     | 158      | 160      |
| Males, . . . . .  | 130                     | 123     | 129      | 128   | 126   | 126   | 125   | 126   | 124    | 131       | 135     | 138      | 140      |
| Females, . . . . .  | 22                      | 20      | 19       | 19    | 20    | 20    | 20    | 21    | 24     | 24        | 24      | 20       | 20       |

| Musical Instruments, Pianos and Organs,<br>and Materials.      |   | 4,186  | 4,184  | 4,280  | 4,308  | 4,321  | 4,155  | 3,787  | 3,990  | 4,106  | 4,118  | 4,181  | 4,107  | 4,188  |
|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Males,   | . | 3,831  | 3,863  | 3,896  | 3,973  | 3,891  | 3,944  | 3,475  | 3,692  | 3,834  | 3,832  | 3,830  | 3,888  | 3,845  |
| Females,   | . | 304    | 321    | 324    | 339    | 330    | 311    | 312    | 298    | 282    | 280    | 291    | 279    | 277    |
| Oil, not elsewhere Specified.                                  |   | 510    | 507    | 507    | 511    | 508    | 512    | 517    | 510    | 508    | 503    | 515    | 518    | 505    |
| Males,   | . | 300    | 296    | 296    | 301    | 297    | 302    | 305    | 301    | 300    | 295    | 306    | 302    | 296    |
| Females,   | . | 10     | 11     | 11     | 10     | 9      | 10     | 12     | 9      | 8      | 8      | 9      | 11     | 9      |
| Optical Goods.   |   | 2,681  | 2,516  | 2,656  | 2,448  | 2,631  | 2,654  | 2,550  | 2,624  | 2,619  | 2,618  | 2,632  | 2,683  | 2,572  |
| Males,   | . | 1,899  | 1,790  | 1,824  | 1,890  | 1,892  | 1,892  | 1,900  | 1,948  | 1,893  | 1,871  | 1,872  | 1,851  | 1,814  |
| Females,   | . | 782    | 726    | 832    | 758    | 739    | 762    | 750    | 676    | 726    | 747    | 767    | 772    | 758    |
| Paints and Varnishes.  |   | 541    | 524    | 531    | 544    | 548    | 547    | 541    | 540    | 533    | 541    | 549    | 545    | 540    |
| Males,   | . | 504    | 493    | 493    | 505    | 500    | 508    | 503    | 507    | 501    | 503    | 512    | 504    | 501    |
| Females,   | . | 37     | 31     | 38     | 39     | 48     | 39     | 38     | 33     | 32     | 38     | 37     | 39     | 39     |
| Paper and Wood Pulp.   |   | 14,096 | 13,669 | 13,811 | 13,991 | 13,981 | 13,974 | 14,393 | 14,575 | 14,007 | 14,168 | 14,330 | 14,576 | 14,244 |
| Males,   | . | 9,508  | 9,128  | 9,234  | 9,267  | 9,263  | 9,322  | 9,571  | 9,668  | 9,654  | 9,662  | 9,739  | 9,663  | 9,708  |
| Females,   | . | 4,588  | 4,541  | 4,577  | 4,704  | 4,668  | 4,651  | 4,822  | 4,907  | 4,353  | 4,476  | 4,591  | 4,912  | 4,536  |
| Paper Goods, not elsewhere Specified.                          |   | 4,093  | 3,981  | 3,963  | 3,914  | 3,966  | 4,014  | 4,093  | 4,163  | 4,066  | 4,179  | 4,293  | 4,149  | 4,093  |
| Males,   | . | 2,230  | 2,161  | 2,182  | 2,174  | 2,209  | 2,232  | 2,238  | 2,268  | 2,245  | 2,294  | 2,277  | 2,263  | 2,298  |
| Females,   | . | 1,823  | 1,800  | 1,786  | 1,740  | 1,757  | 1,782  | 1,795  | 1,895  | 1,820  | 1,885  | 1,946  | 1,886  | 1,795  |
| Patent Medicines and Compounds and<br>Druggists' Preparations. |   | 1,469  | 1,453  | 1,480  | 1,418  | 1,454  | 1,399  | 1,383  | 1,397  | 1,377  | 1,448  | 1,520  | 1,751  | 1,516  |
| Males,   | . | 684    | 647    | 651    | 654    | 650    | 638    | 616    | 604    | 631    | 634    | 672    | 734    | 697    |
| Females,   | . | 808    | 806    | 779    | 759    | 784    | 761    | 717    | 693    | 746    | 808    | 857    | 1,017  | 919    |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.                                  | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Photo-Engraving.</b>                              |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 247                     | 260     | 251      | 257   | 260   | 258   | 249   | 247   | 240    | 235       | 238     | 239      | 243      |
| Females, . . . . .                                   | 207                     | 208     | 209      | 212   | 215   | 216   | 209   | 207   | 201    | 203       | 20      | 201      | 205      |
|  | 40                      | 42      | 42       | 44    | 45    | 42    | 40    | 40    | 39     | 32        | 39      | 38       | 38       |
| <b>Plumbers' Supplies.</b>                           |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 200                     | 211     | 226      | 220   | 220   | 227   | 224   | 217   | 207    | 222       | 200     | 228      | 224      |
| Females, . . . . .                                   | 764                     | 774     | 797      | 817   | 807   | 812   | 792   | 780   | 762    | 742       | 671     | 696      | 704      |
|  | 36                      | 37      | 39       | 43    | 43    | 45    | 42    | 37    | 35     | 31        | 29      | 30       | 30       |
| <b>Pocketbooks.</b>                                  |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 245                     | 244     | 246      | 244   | 243   | 247   | 232   | 217   | 206    | 225       | 222     | 273      | 279      |
| Females, . . . . .                                   | 118                     | 121     | 114      | 115   | 116   | 121   | 121   | 116   | 107    | 110       | 112     | 122      | 127      |
|  | 227                     | 223     | 232      | 229   | 232   | 226   | 231   | 201   | 199    | 215       | 229     | 251      | 232      |
| <b>Pottery, Terra-Cotta, and Fire-Clay Products.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 559                     | 541     | 518      | 521   | 507   | 505   | 575   | 610   | 608    | 524       | 576     | 553      | 555      |
| Females, . . . . .                                   | 520                     | 504     | 476      | 481   | 469   | 468   | 537   | 571   | 561    | 549       | 539     | 542      | 542      |
|  | 39                      | 37      | 42       | 40    | 38    | 37    | 38    | 39    | 41     | 35        | 37      | 41       | 43       |
| <b>Printing and Publishing.</b>                      |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 6,703                   | 6,791   | 6,753    | 6,828 | 6,748 | 6,696 | 6,646 | 6,523 | 6,406  | 6,553     | 6,670   | 6,780    | 6,773    |
| Females, . . . . .                                   | 4,583                   | 4,620   | 4,563    | 4,659 | 4,616 | 4,598 | 4,599 | 4,508 | 4,490  | 4,529     | 4,563   | 4,608    | 4,641    |
|  | 2,115                   | 2,171   | 2,170    | 2,163 | 2,126 | 2,098 | 2,047 | 2,075 | 2,006  | 2,109     | 2,107   | 2,153    | 2,131    |
| <b>Refrigerators.</b>                                |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                     | 119                     | 119     | 121      | 126   | 131   | 134   | 130   | 116   | 98     | 87        | 94      | 117      | 123      |
| Females, . . . . .                                   | 119                     | 119     | 121      | 126   | 131   | 134   | 130   | 116   | 92     | 87        | 94      | 117      | 123      |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                               | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Shirts.</b>                                    | 1,872                              | 1,946   | 1,960    | 1,968 | 1,969 | 1,909 | 1,838 | 1,808 | 1,488  | 1,874     | 1,888   | 1,911    | 1,990    |
| Males, . . . . .                                  | 369                                | 370     | 368      | 369   | 366   | 361   | 352   | 356   | 291    | 357       | 361     | 367      | 374      |
| Females, . . . . .                                | 1,513                              | 1,576   | 1,592    | 1,597 | 1,563 | 1,548 | 1,486 | 1,452 | 1,197  | 1,517     | 1,527   | 1,544    | 1,546    |
| <b>Shoddy.</b>                                    | 551                                | 564     | 580      | 608   | 603   | 589   | 571   | 572   | 589    | 514       | 464     | 467      | 424      |
| Males, . . . . .                                  | 489                                | 494     | 511      | 537   | 542   | 517   | 501   | 511   | 526    | 462       | 417     | 411      | 435      |
| Females, . . . . .                                | 62                                 | 70      | 69       | 71    | 66    | 72    | 70    | 61    | 63     | 52        | 47      | 46       | 49       |
| <b>Show Cases.</b>                                | 85                                 | 74      | 77       | 81    | 86    | 82    | 80    | 78    | 83     | 89        | 89      | 99       | 86       |
| Males, . . . . .                                  | 85                                 | 74      | 77       | 81    | 86    | 82    | 80    | 78    | 83     | 89        | 89      | 99       | 86       |
| Females, . . . . .                                | -                                  | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Signs and Advertising Novelties.</b>           | 193                                | 178     | 177      | 187   | 183   | 185   | 185   | 184   | 197    | 191       | 204     | 209      | 205      |
| Males, . . . . .                                  | 136                                | 126     | 127      | 129   | 130   | 134   | 135   | 136   | 140    | 137       | 143     | 144      | 139      |
| Females, . . . . .                                | 57                                 | 52      | 50       | 58    | 53    | 51    | 50    | 48    | 57     | 54        | 61      | 65       | 66       |
| <b>Silk and Silk Goods, Including Throwsters.</b> | 4,460                              | 4,446   | 4,480    | 4,505 | 4,464 | 4,398 | 4,409 | 4,283 | 4,413  | 4,471     | 4,501   | 4,543    | 4,608    |
| Males, . . . . .                                  | 1,353                              | 1,312   | 1,516    | 1,344 | 1,320 | 1,338 | 1,349 | 1,319 | 1,364  | 1,373     | 1,385   | 1,402    | 1,391    |
| Females, . . . . .                                | 3,097                              | 3,134   | 3,114    | 3,161 | 3,144 | 3,054 | 3,060 | 2,964 | 3,049  | 3,098     | 3,116   | 3,141    | 3,117    |
| <b>Silverware and Plated Ware.</b>                | 2,508                              | 2,440   | 2,484    | 2,493 | 2,463 | 2,477 | 2,498 | 2,468 | 2,600  | 2,714     | 2,821   | 2,876    | 2,800    |
| Males, . . . . .                                  | 2,195                              | 2,070   | 2,133    | 2,157 | 2,133 | 2,140 | 2,164 | 2,121 | 2,207  | 2,262     | 2,325   | 2,342    | 2,367    |
| Females, . . . . .                                | 401                                | 370     | 351      | 336   | 330   | 337   | 334   | 347   | 393    | 452       | 496     | 534      | 533      |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.   | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Stereotyping and Electrotyping.</b>                        |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 267                     | 270     | 261      | 265   | 263   | 276   | 268   | 294   | 301    | 298       | 283     | 285      | 278      |
| Females, . . . . .  | 17                      | 17      | 19       | 18    | 17    | 17    | 17    | 15    | 20     | 17        | 15      | 18       | 16       |
| <b>Stoves and Furnaces, not Including Gas and Oil Stoves.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 1,324                   | 1,413   | 1,577    | 1,532 | 1,590 | 1,578 | 1,575 | 1,555 | 1,539  | 1,600     | 1,605   | 1,576    | 1,624    |
| Females, . . . . .  | 3                       | 3       | 3        | 3     | 3     | 3     | 3     | 3     | 3      | 3         | 3       | 3        | 3        |
| <b>Structural Ironwork.</b>                                   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 1,600                   | 1,408   | 1,339    | 1,377 | 1,434 | 1,521 | 1,579 | 1,632 | 1,775  | 1,824     | 1,799   | 1,788    | 1,711    |
| Females, . . . . .  | —                       | —       | —        | —     | —     | —     | —     | —     | —      | —         | —       | —        | —        |
| <b>Surgical Appliances.</b>                                   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 212                     | 206     | 206      | 208   | 206   | 199   | 201   | 204   | 200    | 206       | 224     | 221      | 215      |
| Females, . . . . .  | 72                      | 68      | 68       | 69    | 69    | 63    | 63    | 66    | 78     | 81        | 81      | 73       | 70       |
| <b>Suspenders, Garters, and Elastic Woven Goods.</b>          |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 2,480                   | 2,478   | 2,604    | 2,537 | 2,438 | 2,408 | 2,413 | 2,317 | 2,378  | 2,400     | 2,335   | 2,368    | 2,065    |
| Females, . . . . .  | 1,200                   | 1,251   | 1,236    | 1,205 | 1,224 | 1,235 | 1,187 | 1,139 | 1,199  | 1,191     | 1,192   | 1,214    | 1,065    |
|   | 2,230                   | 2,227   | 2,268    | 2,262 | 2,254 | 2,231 | 2,226 | 2,178 | 2,174  | 2,209     | 2,343   | 2,354    | 1,090    |

|  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Tobacco Manufactures.</b>                 |  | 4,021 | 3,760 | 3,880 | 3,359 | 3,375 | 3,976 | 4,037 | 4,037 | 4,065 | 4,166 | 4,155 | 4,184 | 4,137 |
| Males, . . . . .                             |  | 2,818 | 2,615 | 2,667 | 2,676 | 2,690 | 2,773 | 2,819 | 2,820 | 2,870 | 2,923 | 2,931 | 2,928 | 2,938 |
| Females, . . . . .                           |  | 1,203 | 1,145 | 1,113 | 1,183 | 1,105 | 1,203 | 1,218 | 1,217 | 1,195 | 1,244 | 1,224 | 1,256 | 1,199 |
| <b>Toys and Games.</b>                       |  | 1,146 | 770   | 897   | 993   | 1,037 | 1,141 | 1,197 | 1,200 | 1,265 | 1,319 | 1,304 | 1,338 | 1,097 |
| Males, . . . . .                             |  | 729   | 553   | 607   | 649   | 690   | 663   | 715   | 765   | 739   | 786   | 831   | 969   | 706   |
| Females, . . . . .                           |  | 417   | 217   | 290   | 339   | 357   | 479   | 482   | 525   | 526   | 533   | 533   | 423   | 301   |
| <b>Trunks and Valises.</b>                   |  | 453   | 310   | 396   | 465   | 499   | 616   | 619   | 616   | 485   | 478   | 458   | 451   | 380   |
| Males, . . . . .                             |  | 339   | 244   | 280   | 341   | 366   | 383   | 381   | 395   | 379   | 356   | 326   | 332   | 284   |
| Females, . . . . .                           |  | 114   | 66    | 86    | 114   | 126   | 134   | 131   | 121   | 116   | 122   | 126   | 129   | 96    |
| <b>Type Founding and Printing Materials.</b> |  | 116   | 117   | 116   | 122   | 114   | 114   | 116   | 110   | 118   | 116   | 117   | 121   | 123   |
| Males, . . . . .                             |  | 94    | 93    | 92    | 98    | 92    | 92    | 96    | 90    | 97    | 92    | 96    | 97    | 99    |
| Females, . . . . .                           |  | 22    | 24    | 24    | 24    | 22    | 22    | 20    | 20    | 21    | 23    | 21    | 24    | 24    |
| <b>Upholstering Materials.</b>               |  | 168   | 167   | 171   | 172   | 197   | 198   | 225   | 178   | 180   | 177   | 171   | 188   | 170   |
| Males, . . . . .                             |  | 160   | 132   | 146   | 149   | 178   | 174   | 201   | 154   | 157   | 158   | 157   | 160   | 150   |
| Females, . . . . .                           |  | 23    | 25    | 25    | 23    | 24    | 24    | 24    | 24    | 23    | 21    | 14    | 22    | 20    |
| <b>Vinegar and Cider.</b>                    |  | 42    | 36    | 25    | 26    | 27    | 30    | 29    | 31    | 36    | 39    | 38    | 108   | 39    |
| Males, . . . . .                             |  | 43    | 26    | 25    | 26    | 27    | 30    | 29    | 31    | 36    | 39    | 38    | 108   | 39    |
| Females, . . . . .                           |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Waste.</b>                                |  | 645   | 606   | 619   | 654   | 639   | 643   | 633   | 638   | 624   | 636   | 664   | 638   | 738   |
| Males, . . . . .                             |  | 401   | 388   | 395   | 414   | 398   | 399   | 381   | 391   | 388   | 390   | 402   | 412   | 451   |
| Females, . . . . .                           |  | 244   | 218   | 224   | 240   | 231   | 243   | 247   | 237   | 236   | 246   | 262   | 276   | 277   |



TABLE III. WAGE-EARNERS — Concluded.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1912 — Concluded.

| Industries and Sex.                             | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Watch and Clock Materials.</b>               |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 173                     | 164     | 163      | 165   | 173   | 163   | 163   | 170   | 178    | 177       | 176     | 174      | 165      |
| Females, . . . . .                              | 59                      | 51      | 53       | 53    | 59    | 62    | 64    | 64    | 66     | 62        | 63      | 60       | 58       |
|   | 114                     | 113     | 110      | 112   | 114   | 120   | 118   | 115   | 112    | 115       | 113     | 114      | 107      |
| <b>Whips.</b>                                   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 1,066                   | 1,045   | 1,049    | 1,080 | 1,066 | 1,048 | 1,041 | 1,007 | 1,017  | 1,050     | 1,034   | 1,007    | 1,079    |
| Females, . . . . .                              | 726                     | 730     | 728      | 736   | 723   | 707   | 708   | 697   | 699    | 725       | 744     | 752      | 760      |
|   | 330                     | 313     | 321      | 344   | 334   | 336   | 333   | 310   | 318    | 325       | 340     | 345      | 329      |
| <b>Window Shades and Fixtures.</b>              |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 77                      | 71      | 71       | 75    | 74    | 77    | 73    | 69    | 75     | 78        | 78      | 75       | 73       |
| Females, . . . . .                              | 63                      | 59      | 59       | 62    | 62    | 65    | 61    | 57    | 62     | 63        | 63      | 61       | 60       |
|   | 14                      | 12      | 12       | 13    | 12    | 12    | 12    | 12    | 13     | 15        | 15      | 14       | 13       |
| <b>Wire.</b>                                    |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 3,690                   | 3,454   | 3,589    | 3,611 | 3,419 | 3,516 | 3,479 | 3,459 | 3,565  | 3,640     | 3,749   | 4,041    | 3,988    |
| Females, . . . . .                              | 3,517                   | 3,362   | 3,441    | 3,516 | 3,335 | 3,420 | 3,377 | 3,326 | 3,458  | 3,535     | 3,637   | 3,918    | 3,863    |
|   | 103                     | 92      | 88       | 95    | 84    | 96    | 102   | 103   | 107    | 106       | 112     | 123      | 119      |
| <b>Wirework, Including Wire Rope and Cable.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 2,035                   | 2,069   | 2,107    | 2,063 | 2,049 | 1,963 | 1,847 | 1,839 | 1,919  | 1,968     | 2,117   | 2,148    | 2,181    |
| Females, . . . . .                              | 1,664                   | 1,734   | 1,760    | 1,720 | 1,664 | 1,547 | 1,491 | 1,549 | 1,557  | 1,628     | 1,744   | 1,759    | 1,787    |
|   | 369                     | 355     | 357      | 363   | 335   | 391   | 356   | 350   | 355    | 354       | 373     | 383      | 394      |
| <b>Wood, Turned and Carved.</b>                 |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 1,168                   | 1,178   | 1,238    | 1,286 | 1,247 | 1,206 | 1,178 | 1,165 | 1,095  | 1,145     | 1,134   | 1,165    | 1,219    |
| Females, . . . . .                              | 1,163                   | 1,145   | 1,204    | 1,261 | 1,222 | 1,183 | 1,155 | 1,142 | 1,062  | 1,121     | 1,111   | 1,143    | 1,107    |
|   | 25                      | 24      | 24       | 25    | 25    | 23    | 23    | 23    | 23     | 24        | 23      | 22       | 22       |

|  |  |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Woollen Goods, not elsewhere Specified.</b> |  | 251    | 246    | 237    | 266    | 246    | 257    | 235    | 237    | 261    | 256    | 264    | 263    |
| Males, . . . . .                               |  | 246    | 241    | 251    | 251    | 251    | 251    | 252    | 254    | 246    | 240    | 256    | 260    |
| Females, . . . . .                             |  | 5      | 5      | 6      | 5      | 5      | 6      | 3      | 3      | 5      | 7      | 8      | 8      |
| <b>Wool Scouring.</b>                          |  | 713    | 717    | 769    | 690    | 700    | 777    | 739    | 745    | 754    | 639    | 668    | 639    |
| Males, . . . . .                               |  | 631    | 634    | 733    | 623    | 668    | 730    | 694    | 703    | 715    | 653    | 631    | 596    |
| Females, . . . . .                             |  | 37     | 33     | 31     | 32     | 32     | 47     | 45     | 42     | 39     | 36     | 37     | 33     |
| <b>Woollen and Worsted Goods.</b>              |  | 23,697 | 47,313 | 48,370 | 55,554 | 55,833 | 55,949 | 55,533 | 55,868 | 56,033 | 56,394 | 57,768 | 55,637 |
| Males, . . . . .                               |  | 32,293 | 28,662 | 26,915 | 33,413 | 33,334 | 33,917 | 32,519 | 33,963 | 34,103 | 34,071 | 34,529 | 33,375 |
| Females, . . . . .                             |  | 21,404 | 19,150 | 19,755 | 22,136 | 22,004 | 22,025 | 22,090 | 21,918 | 22,520 | 22,923 | 23,239 | 22,262 |
| <b>All Other Industries.</b>                   |  | 23,574 | 23,933 | 25,208 | 23,313 | 23,639 | 23,443 | 23,208 | 23,551 | 23,565 | 24,351 | 24,479 | 24,369 |
| Males, . . . . .                               |  | 17,978 | 17,453 | 17,453 | 17,547 | 17,399 | 17,395 | 17,771 | 17,974 | 17,897 | 18,364 | 18,553 | 18,963 |
| Females, . . . . .                             |  | 5,696  | 5,500  | 5,655  | 5,765  | 5,740  | 5,563  | 5,537  | 5,577  | 5,668  | 5,987  | 5,926  | 5,406  |

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY AGE AND SEX.

| INDUSTRIES.   | 18 YEARS OF AGE AND OVER |                |                | UNDER 18 YEARS OF AGE |               |               | Aggregates     |
|---|--------------------------|----------------|----------------|-----------------------|---------------|---------------|----------------|
|   | Males                    | Females        | Total          | Males                 | Females       | Total         |                |
| <b>THE STATE.</b>   | <b>468,365</b>           | <b>173,574</b> | <b>641,939</b> | <b>27,262</b>         | <b>20,683</b> | <b>47,945</b> | <b>689,884</b> |
| Agricultural implements, . . .  | 399                      | —              | 399            | —                     | —             | —             | 399            |
| Artificial stone, . . .   | 227                      | —              | 227            | 3                     | —             | 3             | 230            |
| Automobiles, including bodies and parts, . . .                                    | 4,077                    | 37             | 4,114          | 108                   | —             | 108           | 4,222          |
| Awnings, tents, and sails, . . .  | 200                      | 87             | 287            | 5                     | 2             | 7             | 294            |
| Baskets, and rattan and willow-ware, . . .  | 196                      | 3              | 199            | 5                     | 4             | 9             | 208            |
| Belting and hose, leather, . . .  | 1,113                    | 40             | 1,153          | 87                    | 10            | 97            | 1,250          |
| Belting and hose, woven, . . .  | 85                       | 70             | 155            | 10                    | 20            | 30            | 185            |
| Bicycles, motorcycles, and parts, . . .   | 2,052                    | 3              | 2,055          | 114                   | 1             | 115           | 2,170          |
| Billiard tables and materials, . . .  | 29                       | 1              | 30             | —                     | —             | —             | 30             |
| Blacking, . . .   | 238                      | 252            | 490            | 12                    | 44            | 56            | 546            |
| Bookbinding and blank-book making, . . .  | 1,087                    | 940            | 2,027          | 162                   | 185           | 347           | 2,374          |
| Boot and shoe cut stock and findings, . . .                                       | 5,613                    | 2,335          | 7,948          | 448                   | 343           | 791           | 8,739          |
| Boots and shoes, . . .  | 52,098                   | 26,755         | 78,848         | 3,302                 | 3,158         | 6,460         | 85,308         |
| Boots and shoes, rubber, . . .  | 5,361                    | 2,484          | 7,845          | 274                   | 238           | 512           | 9,257          |
| Boxes, cigar, . . .   | 77                       | 69             | 146            | 8                     | 16            | 24            | 170            |
| Boxes, fancy and paper, . . .   | 1,407                    | 2,407          | 3,814          | 106                   | 593           | 699           | 4,513          |
| Boxes, wooden packing, . . .  | 3,287                    | 297            | 3,584          | 162                   | 85            | 247           | 3,831          |
| Brass and bronze products, . . .  | 2,308                    | 34             | 2,342          | 31                    | 7             | 38            | 2,380          |
| Bread and other bakery products, . . .  | 5,361                    | 1,046          | 6,407          | 185                   | 488           | 673           | 7,080          |
| Brick and tile, . . .   | 396                      | —              | 396            | —                     | —             | —             | 396            |
| Brooms, . . .   | 96                       | 7              | 103            | 12                    | 1             | 13            | 116            |
| Brushes, . . .  | 590                      | 911            | 1,501          | 108                   | 176           | 284           | 1,785          |
| Butter, . . .   | 44                       | —              | 44             | —                     | —             | —             | 44             |
| Buttons, . . .  | 273                      | 281            | 554            | 66                    | 126           | 192           | 746            |
| Canning and preserving, . . .   | 1,584                    | 469            | 1,853          | 21                    | 8             | 29            | 1,882          |
| Card cutting and designing, . . .   | 23                       | 14             | 36             | 2                     | 8             | 10            | 46             |
| Carpets and rugs, other than rag, . . .   | 2,949                    | 2,216          | 5,165          | 449                   | 464           | 913           | 6,078          |
| Carpets, rag, . . .   | 68                       | 11             | 74             | 15                    | 1             | 16            | 90             |
| Carriages and sleds, children's, . . .  | 771                      | 149            | 920            | 26                    | 7             | 33            | 953            |
| Carriages and wagons and materials, . . .   | 1,012                    | 1              | 1,013          | 12                    | —             | 12            | 1,025          |
| Cars and general shop construction and repairs by steam railroad companies, . . . | 5,908                    | 22             | 5,931          | 66                    | —             | 66            | 5,997          |
| Chemicals, . . .  | 1,235                    | 67             | 1,302          | 43                    | 17            | 60            | 1,362          |
| Cleansing and polishing preparations, . . .                                       | 28                       | 18             | 56             | 3                     | 5             | 8             | 64             |
| Clocks, . . .   | 251                      | 32             | 283            | 4                     | 7             | 11            | 294            |
| Cloth, sponging and refinishing, . . .  | 45                       | —              | 45             | 1                     | —             | 1             | 46             |
| Clothing, men's, . . .  | 2,535                    | 2,008          | 5,543          | 71                    | 136           | 207           | 6,050          |
| Clothing, women's, . . .  | 1,317                    | 4,063          | 5,380          | 42                    | 294           | 336           | 5,616          |
| Coffee and spice, roasting and grinding, . . .                                    | 222                      | 151            | 383            | 7                     | 1             | 8             | 391            |
| Coffins, burial cases, and undertakers' goods, . . .                              | 294                      | 42             | 336            | 16                    | 2             | 18            | 354            |
| Combs and hairpins, . . .   | 1,646                    | 573            | 2,219          | 182                   | 130           | 313           | 2,532          |
| Confectionery, . . .  | 1,808                    | 2,960          | 5,768          | 146                   | 1,822         | 1,978         | 7,741          |
| Cooperage, . . .  | 758                      | 8              | 766            | 38                    | —             | 38            | 804            |
| Copper, tin, and sheet-iron products, . . .                                       | 2,154                    | 275            | 2,429          | 153                   | 47            | 200           | 2,629          |
| Cordage and twine, . . .  | 1,861                    | 459            | 2,320          | 147                   | 106           | 253           | 2,572          |
| Cordials and syrups, . . .  | 45                       | 36             | 81             | 1                     | 4             | 5             | 86             |
| Corsets, . . .  | 272                      | 2,217          | 2,489          | 32                    | 456           | 488           | 2,977          |
| Cotton goods, . . .   | 56,902                   | 46,315         | 103,217        | 6,535                 | 8,099         | 14,634        | 117,851        |

TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY AGE AND SEX — Continued.

| INDUSTRIES.  | 18 YEARS OF AGE AND OVER |         |        | UNDER 18 YEARS OF AGE |         |       | Aggregates |
|--|--------------------------|---------|--------|-----------------------|---------|-------|------------|
|  | Males                    | Females | Total  | Males                 | Females | Total |            |
| <b>The State — Con.</b>  |                          |         |        |                       |         |       |            |
| Cotton small wares,  | 380                      | 397     | 747    | 59                    | 141     | 200   | 947        |
| Cutlery and tools, not elsewhere specified,  | 5,814                    | 641     | 6,455  | 391                   | 68      | 454   | 6,909      |
| Dairyman's, poulterers', and apirists' supplies,   | 19                       | 2       | 21     | 3                     | 1       | 4     | 25         |
| Dentists' materials,   | 31                       | 24      | 55     | 6                     | 3       | 9     | 64         |
| Dyeing and finishing textiles,   | 8,391                    | 1,767   | 10,158 | 509                   | 432     | 941   | 11,099     |
| Dyestuffs and extracts,  | 118                      | 1       | 119    | 2                     | -       | 2     | 121        |
| Electrical machinery, apparatus, and supplies,   | 16,600                   | 3,118   | 19,787 | 1,082                 | 1,015   | 2,097 | 21,884     |
| Electroplating,  | 219                      | 17      | 236    | 14                    | 2       | 16    | 252        |
| Emery and other abrasive wheels,   | 1,015                    | 21      | 1,036  | 82                    | 3       | 55    | 1,091      |
| Enameling and japanning,   | 74                       | 37      | 111    | 15                    | 8       | 23    | 134        |
| Engraving and diesinking,  | 125                      | 32      | 157    | 28                    | 7       | 35    | 192        |
| Envelopes,   | 613                      | 1,066   | 1,669  | 88                    | 322     | 410   | 2,079      |
| Fancy articles, not elsewhere specified,   | 79                       | 167     | 246    | 13                    | 25      | 38    | 284        |
| Felt goods,  | 636                      | 108     | 744    | 14                    | 26      | 40    | 784        |
| Firearms,  | 2,425                    | 28      | 2,453  | 147                   | 4       | 151   | 2,614      |
| Flavoring extracts,  | 38                       | 43      | 81     | 5                     | 7       | 12    | 93         |
| Flour-mill and gristmill products,   | 143                      | 3       | 145    | -                     | -       | -     | 145        |
| Food preparations,   | 267                      | 91      | 358    | 6                     | 11      | 17    | 375        |
| <b>Foundry and machine-shop products,</b>  | 38,216                   | 532     | 38,748 | 1,487                 | 127     | 1,614 | 40,362     |
| Fur goods,   | 140                      | 119     | 259    | 8                     | 6       | 14    | 273        |
| Furnishing goods, men's,   | 69                       | 337     | 406    | 4                     | 69      | 73    | 479        |
| Furniture,   | 6,817                    | 597     | 7,414  | 583                   | 172     | 755   | 8,169      |
| Galvanizing,   | 13                       | -       | 13     | -                     | -       | -     | 13         |
| Gas and electric fixtures,   | 126                      | 1       | 127    | 15                    | -       | 15    | 142        |
| Glass cutting, staining, and ornamenting,  | 224                      | 10      | 234    | 23                    | -       | 23    | 257        |
| Glue,  | 393                      | 96      | 489    | 6                     | 24      | 30    | 519        |
| Gold and silver, leaf and foil,  | 64                       | 61      | 125    | 10                    | 9       | 19    | 144        |
| Gold and silver, reducing and refining not from the ore,   | 87                       | 19      | 106    | -                     | -       | -     | 106        |
| Grease and tallow,   | 644                      | 17      | 661    | 5                     | 2       | 7     | 668        |
| Hand knit goods,   | 5                        | 2       | 7      | -                     | -       | -     | 7          |
| Hand stamps and stencils and brands,   | 85                       | 15      | 100    | 17                    | 5       | 22    | 122        |
| Hardware,  | 1,476                    | 83      | 1,559  | 236                   | 29      | 265   | 1,824      |
| Hats and caps, other than felt, straw and wool,  | 189                      | 78      | 267    | 9                     | 8       | 17    | 284        |
| Hats, felt,  | 793                      | 644     | 1,437  | 33                    | 50      | 83    | 1,520      |
| Hats, straw,   | 1,239                    | 2,613   | 3,842  | 37                    | 61      | 98    | 3,940      |
| Hats, wool,  | 289                      | 124     | 413    | 12                    | 5       | 17    | 430        |
| Hosiery and knit goods,  | 2,731                    | 6,243   | 8,979  | 351                   | 1,192   | 1,543 | 10,522     |
| House furnishing goods, not elsewhere specified,   | 412                      | 141     | 553    | 59                    | 61      | 120   | 673        |
| <b>Instruments, professional and scientific,</b>   | 527                      | 48      | 575    | 49                    | 21      | 70    | 645        |
| Iron and steel, steel works and rolling mills,   | 3,377                    | 157     | 3,534  | 8                     | -       | 8     | 3,542      |
| Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,                         | 923                      | 368     | 1,291  | 29                    | 75      | 104   | 1,395      |
| Iron and steel forgings,   | 612                      | -       | 612    | 27                    | -       | 27    | 639        |
| Iron and steel, nails and spikes, out and wrought, including wire nails, not made in steel works or rolling mills, | 827                      | 241     | 1,068  | 52                    | 38      | 90    | 1,158      |

TABLE IV. WAGE-EARNERS — Continued.  
 NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY  
 AGE AND SEX — Continued.

| INDUSTRIES.  | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|--|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|  | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| <b>The State — Con.</b>  |                             |              |        |                          |              |       |                 |
| Ivory, shell, and bone work, not<br>including combs and hairpins, . .            | 78                          | 12           | 90     | 8                        | 6            | 14    | 104             |
| Jewelry, . . .   | 5,072                       | 2,881        | 7,453  | 309                      | 418          | 727   | 8,180           |
| Jewelry and instrument cases, . .  | 87                          | 173          | 260    | 16                       | 33           | 49    | 309             |
| Kaolin and ground earths, . . .  | 66                          | —            | 66     | 1                        | —            | 1     | 67              |
| Labels and tags, . . .   | 13                          | 5            | 18     | 3                        | 1            | 4     | 22              |
| Lamps and reflectors, . . .  | 346                         | 21           | 367    | 81                       | 7            | 88    | 455             |
| Leads, . . .   | 921                         | 1            | 922    | 37                       | —            | 37    | 959             |
| Leather goods, not elsewhere speci-<br>fied, . . .                               | 266                         | 260          | 526    | 56                       | 135          | 191   | 717             |
| Leather tanned, curried, and fin-<br>ished, . . .                                | 11,672                      | 233          | 11,905 | 166                      | 22           | 188   | 12,093          |
| Lime, . . .  | 441                         | —            | 441    | 1                        | —            | 1     | 442             |
| Linen goods, . . .   | 642                         | 767          | 1,409  | 169                      | 320          | 489   | 1,898           |
| Liquors, distilled, . . .  | 67                          | —            | 67     | —                        | —            | —     | 67              |
| Liquors, malt, . . .   | 1,832                       | 14           | 1,846  | —                        | —            | —     | 1,846           |
| Looking-glass and picture frames, . .  | 219                         | 19           | 238    | 15                       | 1            | 16    | 254             |
| Lumber and timber products, . . .  | 669                         | 12           | 681    | 6                        | —            | 6     | 687             |
| Lumber, planing-mill products, . . .   | 3,248                       | 7            | 3,255  | 91                       | —            | 91    | 3,346           |
| Marble and stone work, . . .   | 2,909                       | —            | 2,909  | 42                       | —            | 42    | 2,951           |
| Mattresses and spring beds, . . .  | 491                         | 147          | 638    | 38                       | 11           | 49    | 687             |
| Millinery and lace goods, . . .  | 295                         | 1,452        | 1,747  | 23                       | 199          | 222   | 1,969           |
| Mineral and soda waters, . . .   | 291                         | 3            | 294    | 9                        | —            | 9     | 303             |
| Models and patterns, not including<br>paper patterns, . . .                      | 381                         | 17           | 398    | 35                       | —            | 35    | 433             |
| Monuments and tombstones, . . .  | 1,159                       | —            | 1,159  | 24                       | —            | 24    | 1,183           |
| Mucilage and paste, . . .  | 82                          | 19           | 101    | —                        | 3            | 3     | 104             |
| Musical instruments and materials,<br>not specified, . . .                       | 126                         | 18           | 144    | 11                       | 3            | 14    | 158             |
| Musical instruments, pianos and<br>organs and materials, . . .                   | 3,582                       | 196          | 3,778  | 340                      | 73           | 413   | 4,191           |
| Oil, not elsewhere specified, . . .  | 298                         | 12           | 310    | 3                        | —            | 3     | 313             |
| Optical goods, . . .   | 1,666                       | 553          | 2,219  | 157                      | 205          | 362   | 2,581           |
| Paints and varnishes, . . .  | 483                         | 33           | 516    | 17                       | 6            | 23    | 539             |
| Paper and wood pulp, . . .   | 9,627                       | 4,301        | 13,928 | 124                      | 357          | 481   | 14,409          |
| Paper goods, not elsewhere speci-<br>fied, . . .                                 | 2,135                       | 1,376        | 3,511  | 183                      | 449          | 632   | 4,143           |
| Patent medicines and compounds<br>and druggists' preparations, . . .             | 677                         | 814          | 1,491  | 42                       | 120          | 172   | 1,663           |
| Photo-engraving, . . .   | 290                         | 29           | 319    | 17                       | 9            | 26    | 345             |
| Plumbers' supplies, . . .  | 672                         | 16           | 688    | 35                       | 14           | 49    | 737             |
| Pocketbooks, . . .   | 116                         | 270          | 386    | 13                       | 35           | 48    | 424             |
| Pottery, terra-cotta, and fire-clay<br>products, . . .                           | 515                         | 16           | 531    | 27                       | 19           | 46    | 577             |
| Printing and publishing, . . .   | 4,266                       | 1,934        | 6,200  | 365                      | 195          | 560   | 6,760           |
| Refrigerators, . . .   | 133                         | —            | 133    | —                        | —            | —     | 133             |
| Regalia and society badges and<br>emblems, . . .                                 | 5                           | 24           | 29     | 3                        | 2            | 5     | 34              |
| Rubber goods, not elsewhere speci-<br>fied, . . .                                | 4,089                       | 646          | 4,735  | 242                      | 215          | 457   | 5,192           |
| Saddlery and harness, . . .  | 262                         | 14           | 276    | 10                       | 1            | 11    | 287             |
| Sausage, not made in slaughtering<br>and meat-packing establish-<br>ments, . . . | 407                         | 3            | 410    | 20                       | —            | 20    | 430             |
| Scales and balances, . . .   | 31                          | —            | 31     | —                        | —            | —     | 31              |
| Screws, machine, . . .   | 970                         | 60           | 1,030  | 162                      | 33           | 195   | 1,225           |
| Shipbuilding, wooden, including<br>boatbuilding, . . .                           | 668                         | —            | 668    | 7                        | —            | 7     | 675             |
| Shirts, . . .  | 368                         | 1,442        | 1,810  | 12                       | 96           | 107   | 1,917           |

TABLE IV. WAGE-EARNERS — Concluded.  
 NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 14, 1912. BY  
 AGE AND SEX — Concluded.

| INDUSTRIES.   | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|---|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|   | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| The State — Con.  |                             |              |        |                          |              |       |                 |
| Shoddy, . . . . .   | 429                         | 46           | 475    | 5                        | 1            | 6     | 481             |
| Showcases, . . . . .  | 95                          | —            | 95     | 1                        | —            | 1     | 96              |
| Signs and advertising novelties, . . . . .                          | 126                         | 58           | 183    | 11                       | 5            | 16    | 199             |
| Silk and silk goods, including<br>throwsters, . . . . .             | 1,181                       | 2,328        | 3,509  | 196                      | 797          | 993   | 4,502           |
| Silverware and plated ware, . . . . .                               | 2,227                       | 475          | 2,702  | 133                      | 66           | 199   | 2,901           |
| Slaughtering and meat packing, . . . . .                            | 3,256                       | 22           | 3,278  | 105                      | 2            | 107   | 3,385           |
| Soap, . . . . .   | 354                         | 89           | 443    | 18                       | 35           | 53    | 496             |
| Sporting and athletic goods, . . . . .                              | 837                         | 263          | 1,100  | 66                       | 71           | 137   | 1,237           |
| Stationery goods, not elsewhere<br>specified, . . . . .             | 551                         | 689          | 1,240  | 208                      | 86           | 294   | 1,534           |
| Statuary and art goods, . . . . .                                   | 94                          | —            | 94     | 1                        | —            | 1     | 95              |
| Steam fittings and heating appa-<br>ratus, . . . . .                | 3,414                       | 91           | 3,505  | 71                       | 14           | 85    | 3,590           |
| Steam packing, . . . . .  | 73                          | 2            | 75     | 5                        | —            | 5     | 80              |
| Stereotyping and electrotyping, . . . . .                           | 240                         | 5            | 245    | 24                       | 9            | 33    | 278             |
| Stoves and furnaces, not including<br>gas and oil stoves, . . . . . | 1,613                       | 3            | 1,616  | 26                       | —            | 26    | 1,642           |
| Structural ironwork, . . . . .                                      | 1,700                       | —            | 1,700  | 17                       | —            | 17    | 1,717           |
| Surgical appliances, . . . . .                                      | 137                         | 56           | 193    | 11                       | 14           | 25    | 218             |
| Suspenders, garters, and elastic<br>woven goods, . . . . .          | 1,143                       | 1,969        | 3,112  | 102                      | 372          | 474   | 3,586           |
| Tobacco manufactures, . . . . .                                     | 2,877                       | 1,189        | 4,066  | 85                       | 73           | 158   | 4,224           |
| Toys and games, . . . . .   | 697                         | 280          | 977    | 99                       | 74           | 173   | 1,100           |
| Trunks and valises, . . . . .                                       | 268                         | 74           | 342    | 20                       | 21           | 41    | 383             |
| Type founding and printing ma-<br>terials, . . . . .                | 95                          | 22           | 117    | 5                        | 2            | 7     | 124             |
| Upholstering materials, . . . . .                                   | 173                         | 17           | 190    | 2                        | 5            | 7     | 197             |
| Vinegar and cider, . . . . .  | 40                          | —            | 40     | 1                        | —            | 1     | 41              |
| Waste, . . . . .  | 412                         | 283          | 696    | 5                        | 13           | 18    | 713             |
| Watch and clock materials, . . . . .                                | 59                          | 96           | 155    | 2                        | 6            | 8     | 163             |
| Whips, . . . . .  | 723                         | 325          | 1,048  | 35                       | 27           | 62    | 1,110           |
| Window shades and fixtures, . . . . .                               | 57                          | 11           | 68     | 4                        | 1            | 5     | 73              |
| Wire, . . . . .   | 3,935                       | 79           | 4,014  | 88                       | 29           | 117   | 4,131           |
| Wirework, including wire rope and<br>cable, . . . . .               | 1,606                       | 339          | 1,945  | 145                      | 61           | 206   | 2,151           |
| Wood, turned and carved, . . . . .                                  | 1,255                       | 20           | 1,275  | 114                      | 3            | 117   | 1,392           |
| Wooden goods, not elsewhere speci-<br>fied, . . . . .               | 248                         | 6            | 254    | 13                       | 3            | 16    | 270             |
| Wool scouring, . . . . .  | 579                         | 31           | 610    | 12                       | 4            | 16    | 626             |
| Woolen and worsted goods, . . . . .                                 | 30,535                      | 19,015       | 49,550 | 2,964                    | 3,886        | 6,850 | 56,400          |
| All other industries, . . . . .                                     | 17,384                      | 5,162        | 22,446 | 973                      | 882          | 1,855 | 24,301          |

TABLE V. WAGES.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912.

| Industries and Sex.                              | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|--|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |  |
|  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| THE STATE.                                       |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):               | 631,333                                   | 2,806   | 5,798                      | 10,809                     | 34,070                     | 53,604                     | 63,370                     | 63,737                     | 75,008                      | 103,160                      | 107,577                      | 104,585                      | 32,539                       | 14,118              |  |
| Males, . . . . .                                 | 496,576                                   | 533   | 657                        | 1,836                      | 5,006                      | 12,063                     | 23,018                     | 34,650                     | 47,529                      | 73,799                       | 92,641                       | 98,539                       | 31,416                       | 13,870              |  |
| Females, . . . . .                               | 134,067                                   | 833   | 2,061                      | 5,563                      | 14,153                     | 26,419                     | 31,912                     | 29,877                     | 25,292                      | 29,245                       | 14,670                       | 5,636                        | 1,115                        | 242                 |  |
| Young persons (under 18 years of age), . . . . . | 58,740                                    | 851   | 3,074                      | 9,510                      | 14,822                     | 14,092                     | 8,349                      | 4,260                      | 2,188                       | 1,116                        | 366                          | 110                          | 5                            | -                   |  |
| Agricultural Implements.                         |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):               | 557                                       | -   | -                          | 2                          | 1                          | 7                          | 18                         | 28                         | 61                          | 168                          | 160                          | 86                           | 24                           | 12                  |  |
| Males, . . . . .                                 | 557                                       | -   | -                          | 2                          | 1                          | 7                          | 18                         | 28                         | 61                          | 168                          | 150                          | 86                           | 24                           | 12                  |  |
| Females, . . . . .                               | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Artificial Stone.                                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):               | 316                                       | -   | -                          | 1                          | -                          | -                          | 1                          | 1                          | 10                          | 53                           | 136                          | 71                           | 28                           | 14                  |  |
| Males, . . . . .                                 | 311                                       | -   | -                          | 1                          | -                          | -                          | -                          | -                          | 9                           | 53                           | 135                          | 71                           | 28                           | 14                  |  |
| Females, . . . . .                               | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 4   | -   | -                          | -                          | -                          | -                          | 1                          | 1                          | 1                           | -                            | 1                            | -                            | -                            | -                   |  |
| Automobiles, Including Bodies and Parts.         |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):               | 4,739                                     | -   | 1                          | 7                          | 27                         | 48                         | 70                         | 69                         | 134                         | 363                          | 1,413                        | 1,392                        | 878                          | 143                 |  |
| Males, . . . . .                                 | 4,533                                     | -   | -                          | -                          | 3                          | 32                         | 48                         | 62                         | 100                         | 347                          | 1,385                        | 1,389                        | 878                          | 148                 |  |
| Females, . . . . .                               | 62  | -   | -                          | -                          | 1                          | 3                          | 2                          | 1                          | 13                          | 13                           | 26                           | 3                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 95  | 1   | 1                          | 7                          | 23                         | 23                         | 20                         | 6                          | 11                          | 2                            | 2                            | -                            | -                            | -                   |  |





TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                              | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>but<br>under<br>\$35 | \$35<br>and<br>over |
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>but<br>under<br>\$35 | \$35<br>and<br>over |
| <b>Billiard Tables and Materials.</b>            | 89  | -   | -                          | -                          | -                          | 1                          | -                          | 1                          | -                           | 1                            | 6                            | 1                            | 6                            | 17                           | 4                            | -                            | -                   |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| Males, . . . . .                                 | 28  | -   | -                          | -                          | -                          | -                          | -                          | 1                          | -                           | 1                            | 5                            | 1                            | 5                            | 17                           | 4                            | -                            | -                   |
| Females, . . . . .                               | 1   | -   | -                          | -                          | -                          | 1                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Blacking.</b>                                 | 659                                       | -   | 4                          | 19                         | 84                         | 85                         | 180                        | 61                         | 46                          | 89                           | 80                           | 80                           | 65                           | 19                           | 19                           | 30                           | -                   |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| Males, . . . . .                                 | 240                                       | -   | 1                          | -                          | 3                          | 6                          | 6                          | 5                          | 10                          | 19                           | 78                           | 64                           | 64                           | 18                           | 18                           | 30                           | -                   |
| Females, . . . . .                               | 249                                       | -   | 1                          | 15                         | 83                         | 59                         | 118                        | 53                         | 36                          | 10                           | 2                            | 1                            | 1                            | 1                            | 1                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 63  | -   | 2                          | 4                          | 28                         | 20                         | 6                          | 3                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Bookbinding and Blank-Book Making.</b>        | 2,551                                     | 8   | 26                         | 202                        | 167                        | 251                        | 313                        | 298                        | 173                         | 259                          | 237                          | 237                          | 237                          | 396                          | 166                          | 55                           | -                   |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| Males, . . . . .                                 | 1,172                                     | -   | -                          | 6                          | 16                         | 38                         | 60                         | 67                         | 70                          | 121                          | 187                          | 187                          | 187                          | 389                          | 163                          | 55                           | -                   |
| Females, . . . . .                               | 978                                       | 2   | 3                          | 31                         | 57                         | 137                        | 224                        | 219                        | 98                          | 138                          | 50                           | 50                           | 50                           | 6                            | 3                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 401                                       | 6   | 23                         | 166                        | 94                         | 76                         | 19                         | 12                         | 5                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Boot and Shoe Cut Stock and Findings.</b>     | 10,016                                    | 80  | 141                        | 355                        | 668                        | 1,075                      | 1,041                      | 785                        | 925                         | 1,499                        | 2,043                        | 2,043                        | 2,043                        | 1,238                        | 303                          | 83                           | -                   |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |
| Males, . . . . .                                 | 6,477                                     | 17  | 21                         | 42                         | 113                        | 253                        | 303                        | 431                        | 632                         | 1,068                        | 1,922                        | 1,922                        | 1,922                        | 1,213                        | 299                          | 83                           | -                   |
| Females, . . . . .                               | 2,710                                     | 40  | 67                         | 156                        | 367                        | 560                        | 537                        | 315                        | 267                         | 224                          | 118                          | 118                          | 118                          | 25                           | 4                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 839                                       | 23  | 53                         | 137                        | 183                        | 262                        | 91                         | 39                         | 26                          | 7                            | 8                            | 8                            | 8                            | -                            | -                            | -                            | -                   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                          | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|--|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |  |
| Brass and Bronze Products.                   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):           | 2,489                                     | -   | 6                          | 9                          | 20                         | 25                         | 21                         | 125                        | 211                         | 324                          | 270                          | 499                          | 176                          | 45                  |  |
| Males, . . . . .                             | 2,358                                     | -   | 5                          | 2                          | 2                          | 12                         | 15                         | 120                        | 198                         | 317                          | 900                          | 499                          | 176                          | 45                  |  |
| Females, . . . . .                           | 27  | -   | 1                          | 1                          | 12                         | 5                          | 2                          | 3                          | 7                           | 5                            | 1                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . | 24  | -   | -                          | 6                          | 6                          | 8                          | 4                          | 2                          | 6                           | 2                            | -                            | -                            | -                            | -                   |  |
| Bread and Other Bakery Products.             |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):           | 7,218                                     | 7   | 6                          | 274                        | 247                        | 324                        | 452                        | 503                        | 745                         | 1,066                        | 1,562                        | 1,634                        | 373                          | 117                 |  |
| Males, . . . . .                             | 5,554                                     | -   | 1                          | 11                         | 23                         | 45                         | 135                        | 266                        | 532                         | 891                          | 1,480                        | 1,631                        | 372                          | 117                 |  |
| Females, . . . . .                           | 1,115                                     | -   | -                          | 47                         | 47                         | 151                        | 270                        | 198                        | 144                         | 173                          | 81                           | 3                            | 1                            | -                   |  |
| Young persons (under 18 years of age), . . . | 649                                       | 7   | 5                          | 216                        | 177                        | 138                        | 47                         | 39                         | 17                          | 2                            | 1                            | -                            | -                            | -                   |  |
| Brick and Tile.                              |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):           | 1,632                                     | -   | 2                          | 3                          | 5                          | 14                         | 12                         | 14                         | 256                         | 625                          | 544                          | 121                          | 17                           | 9                   |  |
| Males, . . . . .                             | 1,674                                     | -   | 2                          | 1                          | 4                          | 13                         | 8                          | 14                         | 256                         | 635                          | 544                          | 121                          | 17                           | 9                   |  |
| Females, . . . . .                           | 8   | -   | -                          | 2                          | 1                          | 1                          | 4                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Brooms.                                      |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):           | 120                                       | -   | 3                          | 6                          | 10                         | 7                          | 6                          | 13                         | 11                          | 23                           | 25                           | 14                           | 2                            | 1                   |  |
| Males, . . . . .                             | 108                                       | -   | -                          | 1                          | 3                          | 4                          | 5                          | 11                         | 10                          | 22                           | 35                           | 14                           | 2                            | 1                   |  |
| Females, . . . . .                           | 7   | -   | -                          | 1                          | 4                          | -                          | 1                          | 1                          | 1                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . | 15  | -   | 3                          | 4                          | 3                          | 3                          | -                          | 2                          | -                           | -                            | -                            | -                            | -                            | -                   |  |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                            | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>and<br>over |
| <b>Carpets and Rugs, other than Bag.</b>       | 6,168                                     | -   | 76                         | 291                        | 624                        | 497                        | 696                        | 979                        | 698                         | 877                          | 656                          | 476                          | 231                 |
| Adults (18 years of age and over):             |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                   |
| Males, . . . . .                               | 2,961                                     | -   | 12                         | 57                         | 52                         | 88                         | 312                        | 350                        | 280                         | 509                          | 574                          | 474                          | 231                 |
| Females, . . . . .                             | 2,841                                     | -   | 41                         | 108                        | 253                        | 256                        | 280                        | 591                        | 409                         | 364                          | 88                           | 1                            | -                   |
| Young persons (under 18 years of age), . . . . | 861                                       | -   | 23                         | 129                        | 379                        | 153                        | 123                        | 38                         | 9                           | 4                            | 4                            | -                            | -                   |
| <b>Carpets, Bag.</b>                           | 100                                       | -   | -                          | 5                          | 18                         | 11                         | 8                          | 5                          | 8                           | 19                           | 23                           | 10                           | -                   |
| Adults (18 years of age and over):             |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                   |
| Males, . . . . .                               | 77  | -   | -                          | 1                          | 4                          | 7                          | 3                          | 5                          | 8                           | 17                           | 22                           | 10                           | -                   |
| Females, . . . . .                             | 13  | -   | -                          | -                          | 6                          | 1                          | 5                          | -                          | -                           | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . | 10  | -   | -                          | 4                          | 2                          | 3                          | -                          | -                          | -                           | 1                            | -                            | -                            | -                   |
| <b>Carriages and Sleds, Children's.</b>        | 598                                       | -   | -                          | 3                          | 9                          | 50                         | 32                         | 68                         | 107                         | 357                          | 197                          | 157                          | 17                  |
| Adults (18 years of age and over):             |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                   |
| Males, . . . . .                               | 327                                       | -   | -                          | -                          | -                          | -                          | 4                          | 46                         | 78                          | 340                          | 186                          | 155                          | 17                  |
| Females, . . . . .                             | 137                                       | -   | -                          | -                          | 6                          | 9                          | 18                         | 17                         | 27                          | 47                           | 11                           | 2                            | -                   |
| Young persons (under 18 years of age), . . . . | 34  | -   | -                          | 3                          | 3                          | 11                         | 10                         | 5                          | 3                           | -                            | -                            | -                            | -                   |
| <b>Carriages and Wagons and Materials.</b>     | 1,549                                     | -   | -                          | 2                          | 8                          | 9                          | 23                         | 16                         | 71                          | 146                          | 364                          | 507                          | 88                  |
| Adults (18 years of age and over):             |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                   |
| Males, . . . . .                               | 1,320                                     | -   | -                          | -                          | 3                          | 7                          | 18                         | 14                         | 71                          | 145                          | 361                          | 507                          | 88                  |
| Females, . . . . .                             | 7   | -   | -                          | 1                          | 1                          | 1                          | 1                          | -                          | -                           | 1                            | 3                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . | 13  | -   | -                          | 1                          | 4                          | 2                          | 3                          | 2                          | -                           | -                            | -                            | -                            | -                   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                                   | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|   |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>and<br>over |
| <b>Clothing, Men's.</b>                               |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                    | 6,667                                     | 14  | 73                         | 173                        | 400                        | 570                        | 689                        | 644                        | 585                         | 777                          | 963                          | 968                          | 963                          | 461                          | 840                 |
| Males, . . . . .                                      | 3,063                                     | -   | -                          | 4                          | 13                         | 33                         | 54                         | 81                         | 143                         | 343                          | 745                          | 970                          | 457                          | 4                            | 219                 |
| Females, . . . . .                                    | 3,297                                     | 8   | 60                         | 136                        | 316                        | 508                        | 605                        | 552                        | 430                         | 432                          | 217                          | 28                           | 4                            | 1                            | -                   |
| Young persons (under 18 years of age), . . . . .      | 208                                       | 6   | 13                         | 33                         | 71                         | 29                         | 30                         | 11                         | 12                          | 2                            | 1                            | -                            | -                            | -                            | -                   |
| <b>Clothing, Women's.</b>                             |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                    | 6,381                                     | 34  | 145                        | 373                        | 439                        | 705                        | 746                        | 768                        | 687                         | 893                          | 677                          | 684                          | 355                          | 229                          | 229                 |
| Males, . . . . .                                      | 1,518                                     | 1   | 4                          | 9                          | 16                         | 38                         | 36                         | 39                         | 60                          | 109                          | 214                          | 456                          | 326                          | 210                          | 210                 |
| Females, . . . . .                                    | 4,729                                     | 25  | 65                         | 167                        | 360                        | 612                        | 683                        | 724                        | 624                         | 782                          | 463                          | 168                          | 29                           | 12                           | 12                  |
| Young persons (under 18 years of age), . . . . .      | 334                                       | 8   | 76                         | 96                         | 63                         | 55                         | 22                         | 9                          | 3                           | 2                            | -                            | -                            | -                            | -                            | -                   |
| <b>Coffee and Spice, Roasting and Grinding.</b>       |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                    | 415                                       | -   | -                          | -                          | 18                         | 54                         | 44                         | 29                         | 37                          | 17                           | 101                          | 93                           | 17                           | 5                            | 5                   |
| Males, . . . . .                                      | 243                                       | -   | -                          | -                          | -                          | 1                          | 3                          | 3                          | 9                           | 12                           | 100                          | 93                           | 17                           | 5                            | 5                   |
| Females, . . . . .                                    | 161                                       | -   | -                          | -                          | 15                         | 47                         | 39                         | 26                         | 28                          | 5                            | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . .      | 11  | -   | -                          | -                          | 3                          | 6                          | 3                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                    | 338                                       | -   | -                          | 3                          | 9                          | 24                         | 20                         | 29                         | 40                          | 73                           | 84                           | 83                           | 10                           | 4                            | 4                   |
| Males, . . . . .                                      | 323                                       | -   | -                          | 1                          | 1                          | 9                          | 13                         | 19                         | 27                          | 63                           | 83                           | 88                           | 10                           | 4                            | 4                   |
| Females, . . . . .                                    | 49  | -   | -                          | -                          | 1                          | 10                         | 5                          | 10                         | 12                          | 10                           | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . .      | 16  | -   | -                          | 1                          | 7                          | 5                          | 2                          | -                          | 1                           | -                            | -                            | -                            | -                            | -                            | -                   |

| Combs and Hairpins.                    |       |    |       |       |       |       |     |       |     |     |    |
|--|-------|----|-------|-------|-------|-------|-----|-------|-----|-----|----|
| Adults (18 years of age and over):     |       |    |       |       |       |       |     |       |     |     |    |
| Males,                                 | 1,008 | 84 | 87    | 329   | 241   | 216   | 248 | 435   | 580 | 219 | 33 |
| Females,                               | 598   | 3  | 24    | 55    | 91    | 135   | 189 | 369   | 516 | 216 | 23 |
| Young persons (under 18 years of age), | 320   | 5  | 28    | 104   | 178   | 64    | 50  | 34    | 4   | 3   | -  |
|  |       | 16 | 35    | 111   | 96    | 17    | 9   | 2     | -   | -   | -  |
| Confectionery.                         |       |    |       |       |       |       |     |       |     |     |    |
| Adults (18 years of age and over):     |       |    |       |       |       |       |     |       |     |     |    |
| Males,                                 | 1,808 | 6  | 1,084 | 1,479 | 1,963 | 1,080 | 790 | 409   | 334 | 349 | 68 |
| Females,                               | 1,869 | 1  | 13    | 23    | 95    | 245   | 213 | 239   | 256 | 330 | 57 |
| Young persons (under 18 years of age), | 4,033 | 22 | 557   | 847   | 909   | 709   | 554 | 166   | 125 | 56  | 1  |
|  | 2,306 | 5  | 1,114 | 610   | 259   | 66    | 23  | 4     | 3   | 1   | -  |
| Cooperage.                             |       |    |       |       |       |       |     |       |     |     |    |
| Adults (18 years of age and over):     |       |    |       |       |       |       |     |       |     |     |    |
| Males,                                 | 849   | 2  | 6     | 15    | 36    | 33    | 63  | 98    | 800 | 181 | 2  |
| Females,                               | 777   | -  | -     | 4     | 8     | 13    | 60  | 92    | 260 | 181 | 2  |
| Young persons (under 18 years of age), | 8     | -  | -     | -     | 8     | -     | -   | -     | -   | -   | -  |
|  | 61    | 2  | 6     | 11    | 20    | 19    | 3   | -     | -   | -   | -  |
| Copper, Tin, and Sheet-Iron Products.  |       |    |       |       |       |       |     |       |     |     |    |
| Adults (18 years of age and over):     |       |    |       |       |       |       |     |       |     |     |    |
| Males,                                 | 2,432 | 8  | 75    | 180   | 188   | 180   | 313 | 288   | 393 | 517 | 99 |
| Females,                               | 307   | 1  | 21    | 36    | 59    | 104   | 241 | 234   | 356 | 515 | 99 |
| Young persons (under 18 years of age), | 205   | 2  | 15    | 30    | 71    | 44    | 57  | 46    | 35  | 2   | -  |
|  |       | 5  | 39    | 54    | 53    | 33    | 15  | 6     | 2   | -   | -  |
| Cordage and Twine.                     |       |    |       |       |       |       |     |       |     |     |    |
| Adults (18 years of age and over):     |       |    |       |       |       |       |     |       |     |     |    |
| Males,                                 | 2,633 | 29 | 65    | 319   | 333   | 305   | 148 | 1,830 | 158 | 185 | 10 |
| Females,                               | 1,893 | -  | 3     | 22    | 49    | 143   | 108 | 1,206 | 110 | 123 | 10 |
| Young persons (under 18 years of age), | 477   | -  | 28    | 88    | 245   | 43    | 25  | 23    | 22  | 3   | -  |
|  | 263   | 20 | 34    | 109   | 53    | 20    | 13  | -     | -   | -   | -  |







TABLE V. WAGES — Continued.

## CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.   | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |     |  | \$25<br>and<br>Over |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----|--|---------------------|
|   |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 |     |  |                     |
|   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |     |  |                     |
| <b>Electrical Machinery, Apparatus, and Sup-<br/>plies.</b> | <b>22,223</b>                             | 168   | 167                        | 498                        | 865                        | 824                        | 1,151                      | 1,821                      | 2,323                       | 2,960                        | 3,711                        | 5,712                        | 1,611                        | 481 |  |                     |
| Adults (18 years of age and over):                          |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |     |  |                     |
| Males, . . . . .  | 16,762                                    | 10  | 14                         | 34                         | 132                        | 165                        | 358                        | 784                        | 1,654                       | 2,357                        | 3,538                        | 5,674                        | 1,611                        | 431 |  |                     |
| Females, . . . . .  | 3,390                                     | 50  | 33                         | 139                        | 312                        | 325                        | 424                        | 862                        | 556                         | 527                          | 143                          | 19                           | -                            | -   |  |                     |
| Young persons (under 18 years of age), . . .                | 2,080                                     | 98  | 120                        | 325                        | 421                        | 334                        | 369                        | 175                        | 113                         | 76                           | 30                           | 19                           | -                            | -   |  |                     |
| <b>Electroplating.</b>                                      | <b>264</b>                                | 1   | 2                          | 6                          | 8                          | 17                         | 13                         | 9                          | 19                          | 14                           | 55                           | 96                           | 17                           | 7   |  |                     |
| Adults (18 years of age and over):                          |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |     |  |                     |
| Males, . . . . .  | 223                                       | -   | 2                          | 3                          | 1                          | 3                          | 9                          | 6                          | 15                          | 12                           | 52                           | 96                           | 17                           | 7   |  |                     |
| Females, . . . . .  | 19  | -   | -                          | 1                          | 1                          | 4                          | 3                          | 3                          | 3                           | 2                            | 2                            | -                            | -                            | -   |  |                     |
| Young persons (under 18 years of age), . . .                | 22  | 1   | -                          | 2                          | 6                          | 10                         | 1                          | -                          | 1                           | -                            | 1                            | -                            | -                            | -   |  |                     |
| <b>Emery and Other Abrasive Wheels.</b>                     | <b>1,080</b>                              | -   | -                          | 4                          | 9                          | 22                         | 31                         | 48                         | 105                         | 198                          | 331                          | 259                          | 50                           | 23  |  |                     |
| Adults (18 years of age and over):                          |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |     |  |                     |
| Males, . . . . .  | 1,003                                     | -   | -                          | -                          | -                          | 6                          | 11                         | 35                         | 100                         | 190                          | 330                          | 258                          | 50                           | 23  |  |                     |
| Females, . . . . .  | 21  | -   | -                          | 2                          | 1                          | 4                          | 7                          | 4                          | -                           | 2                            | -                            | 1                            | -                            | -   |  |                     |
| Young persons (under 18 years of age), . . .                | 56  | -   | -                          | 2                          | 8                          | 12                         | 13                         | 9                          | 5                           | 6                            | 1                            | -                            | -                            | -   |  |                     |

| <b>Enameling and Japanning.</b>                  |       |   |   |     |     |     |     |     |     |     |     |    |
|--|-------|---|---|-----|-----|-----|-----|-----|-----|-----|-----|----|
| <b>Adults (18 years of age and over):</b>        |       |   |   |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                 | 79    | - | - | 4   | 2   | 4   | 10  | 5   | 15  | 17  | 14  | 5  |
| Females, . . . . .                               | 48    | - | - | 3   | 11  | 11  | 13  | 3   | 4   | 3   | -   | -  |
| Young persons (under 18 years of age), . . . . . | 19    | 1 | 2 | 11  | 1   | 2   | 2   | -   | -   | -   | -   | -  |
| <b>Engraving and Disinfecting.</b>               |       |   |   |     |     |     |     |     |     |     |     |    |
| <b>Adults (18 years of age and over):</b>        |       |   |   |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                 | 315   | 1 | 6 | 50  | 18  | 7   | 18  | 6   | 19  | 14  | 86  | 28 |
| Females, . . . . .                               | 139   | - | - | 2   | 6   | 4   | 5   | 3   | 11  | 13  | 25  | 28 |
| Young persons (under 18 years of age), . . . . . | 35    | 1 | - | 7   | 4   | 10  | 3   | 5   | 2   | 1   | 1   | -  |
| Young persons (under 18 years of age), . . . . . | 41    | - | 6 | 21  | 9   | 2   | -   | 2   | 1   | -   | -   | -  |
| <b>Envelopes.</b>                                |       |   |   |     |     |     |     |     |     |     |     |    |
| <b>Adults (18 years of age and over):</b>        |       |   |   |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                 | 2,213 | - | 8 | 164 | 519 | 538 | 893 | 195 | 806 | 167 | 855 | 67 |
| Females, . . . . .                               | 677   | - | - | -   | 3   | 4   | 22  | 31  | 43  | 100 | 231 | 67 |
| Young persons (under 18 years of age), . . . . . | 1,115 | - | - | 32  | 123 | 269 | 235 | 184 | 106 | 17  | 2   | -  |
| Young persons (under 18 years of age), . . . . . | 456   | - | 8 | 132 | 193 | 65  | 36  | 17  | 4   | 1   | -   | -  |
| <b>Fancy Articles, not elsewhere specified.</b>  |       |   |   |     |     |     |     |     |     |     |     |    |
| <b>Adults (18 years of age and over):</b>        |       |   |   |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                 | 363   | 2 | 6 | 24  | 69  | 73  | 49  | 40  | 19  | 18  | 21  | 13 |
| Females, . . . . .                               | 84    | - | - | -   | -   | 3   | 4   | 11  | 7   | 10  | 15  | 13 |
| Young persons (under 18 years of age), . . . . . | 228   | 1 | 6 | 7   | 48  | 62  | 44  | 29  | 10  | 8   | 7   | -  |
| Young persons (under 18 years of age), . . . . . | 50    | 1 | - | 17  | 21  | 8   | 1   | -   | 2   | -   | -   | -  |
| <b>Felt Goods.</b>                               |       |   |   |     |     |     |     |     |     |     |     |    |
| <b>Adults (18 years of age and over):</b>        |       |   |   |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                 | 833   | - | 1 | 8   | 19  | 68  | 90  | 83  | 205 | 141 | 128 | 19 |
| Females, . . . . .                               | 676   | - | - | -   | -   | 3   | 55  | 64  | 195 | 132 | 128 | 12 |
| Young persons (under 18 years of age), . . . . . | 112   | - | - | 9   | 45  | 23  | 17  | 8   | 9   | -   | 1   | -  |
| Young persons (under 18 years of age), . . . . . | 50    | - | 1 | 3   | 10  | 20  | 12  | 2   | 2   | -   | -   | -  |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                              | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
|  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| <b>Firearms.</b>                                 |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 2,656                                     | -   | 11                         | 46                         | 56                         | 75                         | 119                        | 173                        | 239                         | 518                          | 609                          | 686                          | 103                          | 51                  |
| Males, . . . . .                                 | 2,452                                     | -   | -                          | -                          | -                          | 51                         | 94                         | 151                        | 210                         | 498                          | 609                          | 685                          | 103                          | 51                  |
| Females, . . . . .                               | 38  | -   | -                          | -                          | -                          | -                          | 3                          | 7                          | 12                          | 15                           | -                            | 1                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 166                                       | -   | 11                         | 46                         | 36                         | 24                         | 22                         | 15                         | 7                           | 5                            | -                            | -                            | -                            | -                   |
| <b>Flavoring Extracts.</b>                       |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 110                                       | -   | -                          | -                          | 23                         | 17                         | 12                         | 5                          | 3                           | 11                           | 23                           | 11                           | 2                            | 3                   |
| Males, . . . . .                                 | 39  | -   | -                          | -                          | -                          | 3                          | 3                          | 3                          | 1                           | 5                            | 10                           | 9                            | 2                            | 3                   |
| Females, . . . . .                               | 59  | -   | -                          | -                          | 12                         | 14                         | 8                          | 2                          | 2                           | 6                            | 13                           | 2                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 12  | -   | -                          | -                          | 11                         | -                          | 1                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |
| <b>Flour-Mill and Gristmill Products.</b>        |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 148                                       | -   | -                          | 1                          | -                          | -                          | 1                          | 2                          | 3                           | 25                           | 33                           | 33                           | 2                            | -                   |
| Males, . . . . .                                 | 2   | -   | -                          | 1                          | -                          | -                          | 1                          | 2                          | 3                           | 24                           | 32                           | 33                           | 2                            | -                   |
| Females, . . . . .                               | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | 1                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |
| <b>Food Preparations.</b>                        |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 606                                       | -   | -                          | 18                         | 10                         | 84                         | 53                         | 45                         | 59                          | 104                          | 91                           | 64                           | 18                           | 5                   |
| Males, . . . . .                                 | 356                                       | -   | -                          | -                          | 1                          | 9                          | 6                          | 33                         | 33                          | 103                          | 90                           | 64                           | 12                           | 5                   |
| Females, . . . . .                               | 129                                       | -   | -                          | 7                          | 8                          | 71                         | 25                         | 12                         | 4                           | 1                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 20  | -   | -                          | 11                         | 1                          | 4                          | 2                          | -                          | 2                           | -                            | -                            | -                            | -                            | -                   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                          | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| Gas and Electric Fixtures.                   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):           | 141                                       | -   | -                          | 5                          | 3                          | 5                          | 5                          | 5                          | 4                           | 11                           | 5                            | 64                           | 25                           | 9                   |
| Males, . . . . .                             | 125                                       | -   | -                          | -                          | -                          | 3                          | 5                          | 4                          | 3                           | 7                            | 5                            | 64                           | 25                           | 9                   |
| Females, . . . . .                           | 1   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . | 15  | -   | -                          | 5                          | 3                          | 2                          | -                          | 1                          | 1                           | 3                            | -                            | -                            | -                            | -                   |
| Glass Cutting, Staining, and Ornamenting.    |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):           | 276                                       | -   | -                          | 9                          | 6                          | 18                         | 9                          | 5                          | 13                          | 22                           | 59                           | 106                          | 21                           | 8                   |
| Males, . . . . .                             | 243                                       | -   | -                          | 3                          | 1                          | 9                          | 4                          | 4                          | 12                          | 21                           | 59                           | 106                          | 21                           | 8                   |
| Females, . . . . .                           | 10  | -   | -                          | -                          | -                          | 3                          | 5                          | 1                          | -                           | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . | 18  | -   | -                          | 6                          | 5                          | 6                          | -                          | -                          | 1                           | -                            | -                            | -                            | -                            | -                   |
| Glue.  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):           | 627                                       | -   | 3                          | 5                          | 45                         | 39                         | 55                         | 24                         | 172                         | 116                          | 26                           | 75                           | 12                           | 5                   |
| Males, . . . . .                             | 456                                       | -   | -                          | -                          | -                          | 2                          | 4                          | 20                         | 167                         | 116                          | 25                           | 75                           | 12                           | 5                   |
| Females, . . . . .                           | 113                                       | -   | 1                          | 1                          | 37                         | 36                         | 23                         | 10                         | 4                           | -                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . | 28  | -   | 2                          | 4                          | 8                          | 1                          | 8                          | 4                          | 1                           | -                            | -                            | -                            | -                            | -                   |
| Gold and Silver, Leaf and Foil.              |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):           | 143                                       | 2   | 5                          | 10                         | 14                         | 23                         | 14                         | 15                         | 7                           | 6                            | 14                           | 20                           | 14                           | 4                   |
| Males, . . . . .                             | 67  | -   | -                          | 1                          | 2                          | 1                          | 4                          | 2                          | 2                           | 4                            | 13                           | 20                           | 14                           | 4                   |
| Females, . . . . .                           | 62  | 2   | 3                          | 5                          | 8                          | 18                         | 8                          | 10                         | 5                           | 2                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . | 19  | -   | 2                          | 4                          | 4                          | 4                          | 2                          | 3                          | -                           | -                            | -                            | -                            | -                            | -                   |





TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                                     | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|   |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Hats and Caps, other than Felt, Straw, and Wool.</b> | 309                                       | -   | -                          | 6                          | 14                         | 22                         | 10                         | 29                         | 20                          | 32                           | 60                           | 69                           | 49                           | 18                  |
| Adults (18 years of age and over):                      |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .  | 219                                       | -   | -                          | 2                          | 4                          | 6                          | 1                          | 11                         | 8                           | 18                           | 43                           | 69                           | 49                           | 18                  |
| Females, . . . . .                                      | 78  | -   | -                          | 2                          | 6                          | 15                         | 7                          | 15                         | 12                          | 14                           | 7                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . .        | 12  | -   | -                          | 2                          | 4                          | 1                          | 2                          | 3                          | -                           | -                            | -                            | -                            | -                            | -                   |
| <b>Hats, Felt.</b>                                      | 2,043                                     | 22  | 47                         | 49                         | 93                         | 172                        | 160                        | 156                        | 222                         | 268                          | 397                          | 293                          | 104                          | 77                  |
| Adults (18 years of age and over):                      |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .  | 1,176                                     | -   | -                          | 3                          | 17                         | 36                         | 45                         | 65                         | 109                         | 175                          | 313                          | 251                          | 88                           | 74                  |
| Females, . . . . .                                      | 762                                       | 20  | 32                         | 27                         | 39                         | 107                        | 98                         | 87                         | 111                         | 89                           | 83                           | 40                           | 16                           | 3                   |
| Young persons (under 18 years of age), . . . . .        | 120                                       | 2   | 15                         | 19                         | 37                         | 29                         | 7                          | 4                          | 2                           | 2                            | 1                            | 2                            | -                            | -                   |
| <b>Hats, Straw.</b>                                     | 4,743                                     | 8   | 13                         | 51                         | 103                        | 161                        | 306                        | 433                        | 661                         | 817                          | 961                          | 864                          | 339                          | 161                 |
| Adults (18 years of age and over):                      |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .  | 1,556                                     | -   | 1                          | 1                          | 3                          | 7                          | 45                         | 35                         | 143                         | 308                          | 445                          | 386                          | 98                           | 84                  |
| Females, . . . . .                                      | 3,077                                     | 6   | 12                         | 48                         | 77                         | 123                        | 227                        | 379                        | 411                         | 506                          | 504                          | 467                          | 241                          | 77                  |
| Young persons (under 18 years of age), . . . . .        | 115                                       | 2   | -                          | 2                          | 23                         | 32                         | 34                         | 9                          | 7                           | 3                            | 2                            | 1                            | -                            | -                   |
| <b>Hats, Wool.</b>                                      | 701                                       | 4   | 5                          | 2                          | 22                         | 44                         | 41                         | 84                         | 120                         | 119                          | 64                           | 98                           | 34                           | 74                  |
| Adults (18 years of age and over):                      |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .  | 533                                       | -   | -                          | -                          | 5                          | 21                         | 10                         | 62                         | 104                         | 97                           | 49                           | 98                           | 33                           | 74                  |
| Females, . . . . .                                      | 134                                       | 4   | 5                          | 2                          | 16                         | 19                         | 28                         | 20                         | 14                          | 20                           | 5                            | -                            | 1                            | -                   |
| Young persons (under 18 years of age), . . . . .        | 14  | -   | -                          | -                          | 1                          | 4                          | 3                          | 2                          | 2                           | 2                            | -                            | -                            | -                            | -                   |

|   | 10,886 | 55 | 350 | 627 | 1,064 | 1,361 | 1,759 | 1,404 | 1,578 | 1,658 | 760 | 263   | 121 | 122 |
|---|--------|----|-----|-----|-------|-------|-------|-------|-------|-------|-----|-------|-----|-----|
| <b>Hosiery and Knit Goods.</b>                          |        |    |     |     |       |       |       |       |       |       |     |       |     |     |
| Adults (18 years of age and over):                      |        |    |     |     |       |       |       |       |       |       |     |       |     |     |
| Males, . . . . .  | 2,790  | 10 | 7   | 11  | 91    | 185   | 336   | 261   | 268   | 592   | 490 | 243   | 120 | 121 |
| Females, . . . . .                                      | 6,494  | 21 | 202 | 316 | 620   | 821   | 1,186 | 994   | 1,003 | 1,013 | 263 | 43    | 1   | 1   |
| Young persons (under 18 years of age), . . .            | 1,532  | 24 | 181 | 300 | 343   | 245   | 217   | 129   | 71    | 33    | 7   | 2     | -   | -   |
| <b>House-Furnishing Goods, not elsewhere Specified.</b> | 245    | -  | 1   | 9   | 108   | 82    | 71    | 70    | 166   | 147   | 124 | 68    | 6   | 6   |
| Adults (18 years of age and over):                      |        |    |     |     |       |       |       |       |       |       |     |       |     |     |
| Males, . . . . .  | 533    | -  | -   | -   | 5     | 8     | 33    | 43    | 146   | 119   | 119 | 63    | 6   | 6   |
| Females, . . . . .                                      | 188    | -  | -   | 1   | 39    | 39    | 19    | 21    | 8     | 26    | 5   | -     | -   | -   |
| Young persons (under 18 years of age), . . .            | 132    | -  | 1   | 8   | 64    | 35    | 14    | 6     | 2     | 2     | -   | -     | -   | -   |
| <b>Instruments, Professional and Scientific.</b>        | 628    | 4  | 7   | 22  | 62    | 41    | 39    | 45    | 64    | 77    | 84  | 161   | 67  | 25  |
| Adults (18 years of age and over):                      |        |    |     |     |       |       |       |       |       |       |     |       |     |     |
| Males, . . . . .  | 568    | -  | -   | 8   | 24    | 21    | 31    | 34    | 51    | 74    | 82  | 161   | 67  | 25  |
| Females, . . . . .                                      | 52     | -  | -   | 2   | 9     | 7     | 7     | 10    | 12    | 3     | 2   | -     | -   | -   |
| Young persons (under 18 years of age), . . .            | 68     | 4  | 7   | 12  | 29    | 13    | 1     | 1     | 1     | -     | -   | -     | -   | -   |
| <b>Iron and Steel, Steel Works, and Rolling Mills.</b>  | 3,632  | 3  | 5   | 14  | 30    | 54    | 116   | 168   | 341   | 673   | 808 | 1,096 | 268 | 138 |
| Adults (18 years of age and over):                      |        |    |     |     |       |       |       |       |       |       |     |       |     |     |
| Males, . . . . .  | 3,459  | 2  | 4   | 7   | 8     | 12    | 102   | 140   | 322   | 640   | 791 | 1,025 | 268 | 138 |
| Females, . . . . .                                      | 157    | 1  | 1   | 7   | 21    | 19    | 13    | 21    | 19    | 38    | 17  | -     | -   | -   |
| Young persons (under 18 years of age), . . .            | 6      | -  | -   | -   | 1     | 3     | 1     | 1     | -     | -     | -   | -     | -   | -   |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.  | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| Iron and Steel, Bolts, Nuts, Washers, and<br>Rivets, not made in Steel Works or Roll-<br>ing Mills.                      | 1,395                                     | 2   | 6                          | 11                         | 133                        | 46                         | 283                        | 30                         | 56                          | 89                           | 264                          | 288                          | 159                          | 23                  |
| Adults (18 years of age and over):   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .   | 924                                       | 2   | 2                          | 3                          | 13                         | 5                          | 10                         | 17                         | 55                          | 87                           | 262                          | 286                          | 159                          | 23                  |
| Females, . . . . .   | 371                                       | -   | 1                          | 7                          | 66                         | 27                         | 253                        | 13                         | -                           | 1                            | 1                            | 2                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 100                                       | -   | 3                          | 1                          | 54                         | 14                         | 25                         | -                          | 1                           | 1                            | 1                            | -                            | -                            | -                   |
| Iron and Steel Forgings.   | 654                                       | -   | -                          | -                          | 1                          | 19                         | 56                         | 3                          | 34                          | 78                           | 171                          | 188                          | 102                          | 38                  |
| Adults (18 years of age and over):   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .   | 627                                       | -   | -                          | -                          | -                          | -                          | 20                         | 2                          | 34                          | 78                           | 171                          | 182                          | 102                          | 38                  |
| Females, . . . . .   | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 27  | -   | -                          | -                          | 1                          | 19                         | 6                          | 1                          | -                           | -                            | -                            | -                            | -                            | -                   |
| Iron and Steel, Nails and Spikes, Out and<br>Wrought, Including Wire Nails, not made<br>in Steel Works or Rolling Mills. | 1,172                                     | 1   | 2                          | 31                         | 88                         | 128                        | 158                        | 187                        | 160                         | 90                           | 147                          | 118                          | 67                           | 65                  |
| Adults (18 years of age and over):   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Males, . . . . .   | 856                                       | -   | 1                          | 3                          | 7                          | 25                         | 120                        | 110                        | 123                         | 73                           | 145                          | 118                          | 66                           | 65                  |
| Females, . . . . .   | 229                                       | 1   | 1                          | 24                         | 37                         | 71                         | 35                         | 13                         | 27                          | 17                           | 2                            | -                            | 1                            | -                   |
| Young persons (under 18 years of age), . . .   | 87  | -   | -                          | 4                          | 44                         | 32                         | 3                          | 4                          | -                           | -                            | -                            | -                            | -                            | -                   |

**Ivory, Shell, and Bone Work, not including****Combs and Hairpins.****Adults (18 years of age and over):**

|  |     |   |   |   |    |   |   |   |    |    |    |    |   |   |
|--|-----|---|---|---|----|---|---|---|----|----|----|----|---|---|
| Males, . . . . .                                 | 102 | - | 4 | 7 | 13 | 9 | 8 | 2 | 16 | 25 | 38 | 11 | 1 | - |
| Females, . . . . .                               | 17  | - | 1 | 2 | 1  | 8 | - | - | 3  | 2  | -  | -  | - | - |
| Young persons (under 18 years of age), . . . . . | 14  | - | 3 | 5 | 5  | - | 1 | - | -  | -  | -  | -  | - | - |

**Jewelry.****Adults (18 years of age and over):**

|  |       |    |    |     |     |     |     |     |     |     |       |       |     |     |
|--|-------|----|----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|
| Males, . . . . .                                 | 5,373 | -  | 3  | 19  | 72  | 93  | 136 | 279 | 294 | 664 | 1,088 | 1,591 | 781 | 470 |
| Females, . . . . .                               | 2,617 | 18 | 16 | 55  | 193 | 350 | 373 | 556 | 370 | 354 | 216   | 89    | 15  | 12  |
| Young persons (under 18 years of age), . . . . . | 738   | 9  | 27 | 100 | 216 | 211 | 71  | 80  | 10  | 8   | 6     | -     | -   | -   |

**Jewelry and Instrument Cases.****Adults (18 years of age and over):**

|  |     |   |   |   |    |    |    |    |    |    |    |    |   |   |
|--|-----|---|---|---|----|----|----|----|----|----|----|----|---|---|
| Males, . . . . .                                 | 96  | - | - | 2 | 7  | 4  | 7  | 8  | 8  | 8  | 16 | 27 | 6 | 3 |
| Females, . . . . .                               | 174 | - | - | 2 | 18 | 26 | 48 | 39 | 14 | 11 | 14 | 2  | - | - |
| Young persons (under 18 years of age), . . . . . | 37  | - | - | 5 | 7  | 5  | 9  | 7  | 4  | -  | -  | -  | - | - |

**Kaolin and Ground Earthenware.****Adults (18 years of age and over):**

|  |    |   |   |   |   |   |   |   |   |    |    |    |   |   |
|--|----|---|---|---|---|---|---|---|---|----|----|----|---|---|
| Males, . . . . .                                 | 72 | - | - | - | - | 1 | - | 1 | 1 | 16 | 40 | 13 | 1 | 1 |
| Females, . . . . .                               | 1  | - | - | - | - | - | - | - | - | -  | -  | -  | - | - |
| Young persons (under 18 years of age), . . . . . | -  | - | - | - | - | - | - | - | 1 | -  | -  | -  | - | - |

**Labels and Tags.****Adults (18 years of age and over):**

|  |    |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males, . . . . .                                 | 15 | - | - | 1 | - | - | - | - | 1 | 1 | 6 | 3 | 2 | 1 |
| Females, . . . . .                               | 6  | - | - | 1 | 1 | - | - | 1 | 1 | 1 | 2 | - | - | - |
| Young persons (under 18 years of age), . . . . . | 2  | - | - | - | - | 1 | - | 3 | 2 | - | 8 | 3 | 2 | - |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                            | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Lamps and Reflectors.</b>                   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):             | 497                                       | -   | -                          | 11                         | 35                         | 26                         | 27                         | 12                         | 44                          | 23                           | 107                          | 131                          | 131                          | 29                           | 7                   |
| Males, . . . . .                               | 355                                       | -   | -                          | 1                          | -                          | 3                          | 8                          | 8                          | 66                          | 27                           | 105                          | 131                          | 131                          | 29                           | 7                   |
| Females, . . . . .                             | 21  | -   | -                          | -                          | -                          | 9                          | 5                          | -                          | 4                           | 1                            | 2                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 81  | -   | -                          | 10                         | 35                         | 14                         | 14                         | 4                          | 4                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Lasts.</b>                                  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):             | 1,063                                     | -   | -                          | 1                          | 1                          | 23                         | 14                         | 23                         | 59                          | 81                           | 230                          | 342                          | 132                          | 107                          | 107                 |
| Males, . . . . .                               | 1,026                                     | -   | -                          | -                          | -                          | 3                          | 10                         | 16                         | 58                          | 80                           | 229                          | 341                          | 132                          | 107                          | 107                 |
| Females, . . . . .                             | 7   | -   | -                          | -                          | -                          | 3                          | 1                          | 1                          | -                           | 1                            | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 30  | -   | -                          | 1                          | 1                          | 17                         | 3                          | 6                          | 1                           | -                            | -                            | 1                            | -                            | -                            | -                   |
| <b>Leather Goods, not elsewhere Specified.</b> |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):             | 734                                       | -   | 11                         | 79                         | 69                         | 115                        | 32                         | 62                         | 63                          | 67                           | 72                           | 89                           | 15                           | 11                           | 11                  |
| Males, . . . . .                               | 280                                       | -   | 1                          | 4                          | 3                          | 11                         | 9                          | 16                         | 37                          | 43                           | 49                           | 81                           | 15                           | 11                           | 11                  |
| Females, . . . . .                             | 253                                       | -   | 1                          | 9                          | 27                         | 45                         | 53                         | 40                         | 25                          | 22                           | 23                           | 8                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 196                                       | -   | 9                          | 66                         | 39                         | 59                         | 15                         | 6                          | -                           | 2                            | -                            | -                            | -                            | -                            | -                   |
| <b>Leather, Tanned, Curried, and Finished.</b> |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):             | 13,014                                    | 9   | 10                         | 20                         | 143                        | 293                        | 733                        | 1,005                      | 2,272                       | 3,233                        | 2,300                        | 1,991                        | 611                          | 195                          | 195                 |
| Males, . . . . .                               | 12,554                                    | 3   | -                          | 3                          | 63                         | 175                        | 633                        | 978                        | 2,251                       | 3,263                        | 2,335                        | 1,939                        | 611                          | 195                          | 195                 |
| Females, . . . . .                             | 254                                       | -   | 4                          | 5                          | 45                         | 51                         | 107                        | 10                         | 19                          | 10                           | 2                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .   | 206                                       | 6   | 6                          | 12                         | 40                         | 72                         | 33                         | 17                         | 2                           | 9                            | 3                            | 1                            | -                            | -                            | -                   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                              | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |  |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|--|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |  |
| <b>Lumber and Timber Products.</b>               | 776                                       | -   | -                          | 1                          | 2                          | 2                          | 3                          | 57                         | 195                         | 190                          | 205                          | 97                           | 14                           | 10                  |  |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Males, . . . . .                                 | 760                                       | -   | -                          | 1                          | 1                          | 2                          | 2                          | 51                         | 192                         | 185                          | 205                          | 97                           | 14                           | 10                  |  |
| Females, . . . . .                               | 12  | -   | -                          | -                          | -                          | -                          | -                          | 5                          | 3                           | 4                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 4   | -   | -                          | -                          | 1                          | -                          | 1                          | 1                          | -                           | 1                            | -                            | -                            | -                            | -                   |  |
| <b>Lumber, Planing-Mill Products.</b>            | 3,810                                     | -   | 1                          | 10                         | 59                         | 84                         | 91                         | 67                         | 288                         | 586                          | 692                          | 1,167                        | 715                          | 72                  |  |
| Adults (18 years of age and over):               |   | -   | -                          | 4                          | 22                         | 52                         | 72                         | 58                         | 282                         | 584                          | 692                          | 1,167                        | 715                          | 72                  |  |
| Males, . . . . .                                 | 3,720                                     | -   | -                          | -                          | -                          | 1                          | 4                          | 1                          | 1                           | -                            | -                            | -                            | -                            | -                   |  |
| Females, . . . . .                               | 7   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 83  | -   | 1                          | 6                          | 16                         | 28                         | 19                         | 8                          | 3                           | 2                            | -                            | -                            | -                            | -                   |  |
| <b>Marble and Stone Work.</b>                    | 4,545                                     | 2   | 6                          | 7                          | 16                         | 56                         | 45                         | 71                         | 181                         | 618                          | 1,381                        | 1,474                        | 594                          | 116                 |  |
| Adults (18 years of age and over):               |   | 1   | 4                          | 3                          | 8                          | 21                         | 24                         | 68                         | 176                         | 615                          | 1,381                        | 1,474                        | 394                          | 116                 |  |
| Males, . . . . .                                 | 4,285                                     | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Females, . . . . .                               | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 58  | 1   | 2                          | 4                          | 8                          | 15                         | 19                         | 3                          | 5                           | 1                            | -                            | -                            | -                            | -                   |  |
| <b>Mattresses and Spring Beds.</b>               | 818                                       | -   | 5                          | 16                         | 53                         | 62                         | 97                         | 78                         | 90                          | 149                          | 108                          | 159                          | 21                           | 12                  |  |
| Adults (18 years of age and over):               |   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |  |
| Males, . . . . .                                 | 564                                       | -   | -                          | 5                          | 9                          | 28                         | 44                         | 46                         | 71                          | 119                          | 79                           | 130                          | 21                           | 12                  |  |
| Females, . . . . .                               | 200                                       | -   | -                          | 1                          | 16                         | 29                         | 50                         | 24                         | 18                          | 30                           | 23                           | 9                            | -                            | -                   |  |
| Young persons (under 18 years of age), . . . . . | 54  | -   | 5                          | 10                         | 28                         | 5                          | 3                          | 2                          | 1                           | -                            | -                            | -                            | -                            | -                   |  |





TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

[illegible]

|  |    |    |     |     |       |     |       |       |       |       |       |     |
|--|----|----|-----|-----|-------|-----|-------|-------|-------|-------|-------|-----|
| <b>Optical Goods.</b>  |    |    |     |     |       |     |       |       |       |       |       |     |
| Adults (18 years of age and over):                                 |    |    |     |     |       |     |       |       |       |       |       |     |
| Males, . . . . .   | 1  | 59 | 115 | 228 | 208   | 274 | 390   | 308   | 349   | 427   | 869   | 59  |
| Females, . . . . .   | -  | 2  | 10  | 18  | 32    | 136 | 201   | 199   | 277   | 387   | 365   | 59  |
| Young persons (under 18 years of age), . . . . .                   | 1  | 43 | 46  | 49  | 27    | 23  | 20    | 14    | 16    | 14    | 3     | -   |
| <b>Paints and Varnishes.</b>                                       |    |    |     |     |       |     |       |       |       |       |       |     |
| Adults (18 years of age and over):                                 |    |    |     |     |       |     |       |       |       |       |       |     |
| Males, . . . . .   | -  | -  | 3   | 11  | 39    | 17  | 9     | 49    | 143   | 169   | 90    | 21  |
| Females, . . . . .   | -  | -  | -   | 4   | 14    | 7   | 6     | 43    | 141   | 166   | 90    | 20  |
| Young persons (under 18 years of age), . . . . .                   | -  | -  | 3   | 2   | 11    | 6   | 1     | -     | -     | -     | -     | -   |
| <b>Paper and Wood Pulp.</b>  |    |    |     |     |       |     |       |       |       |       |       |     |
| Adults (18 years of age and over):                                 |    |    |     |     |       |     |       |       |       |       |       |     |
| Males, . . . . .   | 30 | 32 | 24  | 352 | 2,000 | 332 | 1,255 | 2,365 | 3,373 | 2,465 | 1,922 | 431 |
| Females, . . . . .   | 11 | 3  | 6   | 13  | 23    | 51  | 130   | 1,971 | 3,216 | 2,223 | 1,631 | 431 |
| Young persons (under 18 years of age), . . . . .                   | 5  | 10 | 24  | 68  | 183   | 66  | 47    | 43    | 12    | 3     | -     | -   |
| <b>Paper Goods, not elsewhere Specified.</b>                       |    |    |     |     |       |     |       |       |       |       |       |     |
| Adults (18 years of age and over):                                 |    |    |     |     |       |     |       |       |       |       |       |     |
| Males, . . . . .   | 25 | 24 | 170 | 591 | 509   | 436 | 443   | 404   | 531   | 640   | 504   | 140 |
| Females, . . . . .   | -  | -  | 4   | 26  | 30    | 71  | 151   | 233   | 431   | 542   | 478   | 137 |
| Young persons (under 18 years of age), . . . . .                   | 16 | 14 | 94  | 286 | 146   | 91  | 32    | 22    | 4     | 1     | -     | -   |
| <b>Patent Medicines and Compounds and Druggists' Preparations.</b> |    |    |     |     |       |     |       |       |       |       |       |     |
| Adults (18 years of age and over):                                 |    |    |     |     |       |     |       |       |       |       |       |     |
| Males, . . . . .   | -  | -  | -   | 11  | 41    | 51  | 56    | 55    | 110   | 191   | 141   | 47  |
| Females, . . . . .   | 1  | -  | 65  | 226 | 173   | 130 | 82    | 60    | 75    | 42    | 24    | 3   |
| Young persons (under 18 years of age), . . . . .                   | -  | 1  | 76  | 49  | 34    | 11  | 3     | 2     | -     | -     | -     | -   |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                                  | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Photo-Engraving.</b>                              |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                   | 568                                       | -   | 2                          | 35                         | 24                         | 14                         | 11                         | 7                          | 14                          | 20                           | 51                           | 61                           | 64                           | 85                  |
| Males, . . . . .                                     | 306                                       | -   | 1                          | 12                         | 13                         | 11                         | 6                          | 7                          | 14                          | 19                           | 26                           | 49                           | 63                           | 85                  |
| Females, . . . . .                                   | 40  | -   | -                          | 17                         | 7                          | 3                          | 4                          | -                          | -                           | 1                            | 5                            | 2                            | 1                            | -                   |
| Young persons (under 18 years of age), . . .         | 12  | -   | 1                          | 6                          | 4                          | -                          | 1                          | -                          | -                           | -                            | -                            | -                            | -                            | -                   |
| <b>Plumbers' Supplies.</b>                           |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                   | 922                                       | 1   | 7                          | 15                         | 45                         | 55                         | 63                         | 78                         | 100                         | 144                          | 184                          | 181                          | 24                           | 15                  |
| Males, . . . . .                                     | 832                                       | -   | -                          | 6                          | 21                         | 35                         | 55                         | 64                         | 93                          | 144                          | 184                          | 181                          | 34                           | 15                  |
| Females, . . . . .                                   | 32  | -   | 4                          | -                          | 3                          | 5                          | 4                          | 11                         | 5                           | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .         | 58  | 1   | 3                          | 9                          | 21                         | 15                         | 4                          | 3                          | 2                           | -                            | -                            | -                            | -                            | -                   |
| <b>Pocketbooks.</b>                                  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                   | 396                                       | -   | 4                          | 2                          | 22                         | 49                         | 67                         | 67                         | 45                          | 52                           | 45                           | 22                           | 9                            | 4                   |
| Males, . . . . .                                     | 117                                       | -   | -                          | -                          | -                          | 1                          | -                          | -                          | 12                          | 30                           | 39                           | 22                           | 9                            | 4                   |
| Females, . . . . .                                   | 279                                       | -   | 2                          | 1                          | 13                         | 33                         | 59                         | 65                         | 32                          | 20                           | 4                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .         | 40  | -   | 2                          | -                          | 9                          | 15                         | 8                          | 2                          | 1                           | 2                            | -                            | -                            | -                            | -                   |
| <b>Pottery, Terra-Cotta, and Fire-Clay Products.</b> |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):                   | 686                                       | 1   | 9                          | 3                          | 36                         | 17                         | 21                         | 53                         | 79                          | 134                          | 242                          | 86                           | 16                           | 4                   |
| Males, . . . . .                                     | 613                                       | -   | -                          | 1                          | 5                          | 4                          | 8                          | 37                         | 78                          | 133                          | 241                          | 86                           | 16                           | 4                   |
| Females, . . . . .                                   | 21  | -   | 5                          | 1                          | 2                          | 6                          | 4                          | -                          | 1                           | 1                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . .         | 52  | 1   | 4                          | 1                          | 29                         | 7                          | 9                          | 1                          | -                           | -                            | -                            | -                            | -                            | -                   |

| Printing and Publishing.                         |       |    |     |     |     |     |     |     |       |       |       |     |     |
|--|-------|----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-----|-----|
| Adults (18 years of age and over):               | 26    | 67 | 373 | 448 | 504 | 506 | 405 | 366 | 714   | 908   | 1,565 | 334 | 399 |
| Males, . . . . .                                 | 8     | 8  | 60  | 82  | 135 | 151 | 129 | 174 | 414   | 654   | 1,439 | 808 | 396 |
| Females, . . . . .                               | 13    | 27 | 57  | 180 | 205 | 313 | 264 | 183 | 299   | 254   | 126   | 16  | 3   |
| Young persons (under 18 years of age), . . . . . | 5     | 32 | 155 | 180 | 104 | 42  | 12  | 9   | 1     | -     | -     | -   | -   |
| Refrigerators.                                   |       |    |     |     |     |     |     |     |       |       |       |     |     |
| Adults (18 years of age and over):               | 147   | -  | -   | -   | 3   | 1   | 3   | 4   | 9     | 41    | 47    | 34  | 6   |
| Males, . . . . .                                 | 146   | -  | -   | -   | 2   | 1   | 3   | 4   | 9     | 41    | 47    | 34  | 6   |
| Females, . . . . .                               | -     | -  | -   | -   | -   | -   | -   | -   | -     | -     | -     | -   | -   |
| Young persons (under 18 years of age), . . . . . | 1     | -  | -   | -   | 1   | -   | -   | -   | -     | -     | -     | -   | -   |
| Regalia and Society Badges and Emblems.          |       |    |     |     |     |     |     |     |       |       |       |     |     |
| Adults (18 years of age and over):               | 35    | -  | -   | -   | 7   | 13  | 3   | 5   | 6     | 1     | 2     | -   | -   |
| Males, . . . . .                                 | 5     | -  | -   | -   | -   | 1   | -   | 1   | 1     | 1     | 1     | -   | -   |
| Females, . . . . .                               | 26    | -  | -   | -   | 6   | 9   | 2   | 3   | 5     | -     | 1     | -   | -   |
| Young persons (under 18 years of age), . . . . . | 4     | -  | -   | -   | 1   | 3   | -   | 1   | -     | -     | -     | -   | -   |
| Rubber Goods, not elsewhere Specified.           |       |    |     |     |     |     |     |     |       |       |       |     |     |
| Adults (18 years of age and over):               | 5,431 | 51 | 49  | 253 | 317 | 333 | 433 | 703 | 1,319 | 1,093 | 670   | 303 | 31  |
| Males, . . . . .                                 | 4,263 | 14 | 4   | 41  | 39  | 92  | 244 | 560 | 1,079 | 939   | 618   | 497 | 91  |
| Females, . . . . .                               | 727   | 13 | 24  | 93  | 73  | 61  | 68  | 119 | 137   | 69    | 51    | 9   | -   |
| Young persons (under 18 years of age), . . . . . | 436   | 19 | 21  | 124 | 100 | 69  | 111 | 27  | 3     | 11    | 1     | -   | -   |
| Saddlery and Harness.                            |       |    |     |     |     |     |     |     |       |       |       |     |     |
| Adults (18 years of age and over):               | 354   | -  | 1   | 6   | 6   | 9   | 11  | 36  | 111   | 96    | 66    | 13  | -   |
| Males, . . . . .                                 | 324   | -  | -   | 2   | 1   | 5   | 6   | 33  | 103   | 95    | 66    | 13  | -   |
| Females, . . . . .                               | 18    | -  | 1   | 1   | 1   | 3   | 3   | 1   | 8     | -     | -     | -   | -   |
| Young persons (under 18 years of age), . . . . . | 12    | -  | -   | 3   | 4   | 1   | 2   | 2   | -     | -     | -     | -   | -   |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.   | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|   |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Sausage, not made in Slaughtering and<br/>Meat-Packing Establishments.</b> | 440                                       | -   | -                          | -                          | 3                          | 10                         | 4                          | 6                          | 16                          | 93                           | 164                          | 189                          | 14                           | 3                            | -                   |
| Adults (18 years of age and over):  |   | -   | -                          | -                          | 1                          | 2                          | 1                          | 6                          | 14                          | 84                           | 164                          | 139                          | 14                           | 2                            | -                   |
| Males, . . . . .  | 417                                       | -   | -                          | -                          | 1                          | 1                          | -                          | -                          | -                           | 1                            | -                            | -                            | -                            | -                            | -                   |
| Females, . . . . .  | 3   | -   | -                          | -                          | -                          | 7                          | 3                          | -                          | 2                           | 8                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . .                                    | 20  | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Scales and Balances.</b>   | 33  | -   | -                          | -                          | -                          | -                          | 1                          | 3                          | 3                           | 3                            | 4                            | 20                           | -                            | -                            | -                   |
| Adults (18 years of age and over):  |   | -   | -                          | -                          | -                          | -                          | 1                          | 3                          | 2                           | 3                            | 4                            | 20                           | -                            | -                            | -                   |
| Males, . . . . .  | 33  | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| Females, . . . . .  | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . .                                    | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Screws, Machine.</b>   | 1,370                                     | 3   | 9                          | 34                         | 71                         | 69                         | 63                         | 68                         | 163                         | 169                          | 230                          | 240                          | 66                           | 17                           | -                   |
| Adults (18 years of age and over):  |   | -   | 1                          | 13                         | 16                         | 47                         | 43                         | 60                         | 145                         | 160                          | 228                          | 240                          | 66                           | 17                           | -                   |
| Males, . . . . .  | 1,036                                     | -   | -                          | 3                          | 12                         | 18                         | 14                         | 12                         | 4                           | 7                            | 1                            | -                            | -                            | -                            | -                   |
| Females, . . . . .  | 71  | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . .                                    | 163                                       | 2   | 8                          | 38                         | 43                         | 34                         | 6                          | 16                         | 13                          | 2                            | 1                            | -                            | -                            | -                            | -                   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                               | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|   |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Silk and Silk Goods, Including Throwsters.</b> | 4,773                                     | 40  | 44                         | 184                        | 388                        | 555                        | 613                        | 606                        | 634                         | 790                          | 807                          |                              | 230                          | 40                           | 18                  |
| Adults (18 years of age and over):                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Males, . . . . .                                  | 1,241                                     | 3   | -                          | 2                          | 19                         | 40                         | 51                         | 47                         | 139                         | 273                          | 404                          |                              | 207                          | 38                           | 18                  |
| Females, . . . . .                                | 2,531                                     | 25  | 15                         | 35                         | 151                        | 262                        | 358                        | 357                        | 403                         | 498                          | 402                          |                              | 23                           | 2                            | -                   |
| Young persons (under 18 years of age), . . . . .  | 1,001                                     | 12  | 29                         | 147                        | 213                        | 233                        | 204                        | 101                        | 42                          | 19                           | 1                            |                              | -                            | -                            | -                   |
| <b>Silverware and Plated Ware.</b>                | 2,918                                     | 1   | 32                         | 43                         | 81                         | 174                        | 170                        | 169                        | 241                         | 268                          | 643                          |                              | 773                          | 283                          | 130                 |
| Adults (18 years of age and over):                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Males, . . . . .                                  | 2,246                                     | -   | -                          | 20                         | 11                         | 36                         | 40                         | 67                         | 144                         | 225                          | 521                          |                              | 771                          | 281                          | 130                 |
| Females, . . . . .                                | 499                                       | -   | -                          | 3                          | 25                         | 89                         | 117                        | 95                         | 91                          | 43                           | 27                           |                              | 7                            | 2                            | -                   |
| Young persons (under 18 years of age), . . . . .  | 173                                       | 1   | 32                         | 20                         | 45                         | 49                         | 13                         | 7                          | 6                           | -                            | -                            |                              | -                            | -                            | -                   |
| <b>Slaughtering and Meat Packing.</b>             | 3,458                                     | 13  | 10                         | 35                         | 35                         | 75                         | 70                         | 178                        | 632                         | 911                          | 767                          |                              | 495                          | 106                          | 62                  |
| Adults (18 years of age and over):                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Males, . . . . .                                  | 3,313                                     | 9   | 3                          | 15                         | 21                         | 38                         | 56                         | 168                        | 667                         | 908                          | 766                          |                              | 494                          | 106                          | 62                  |
| Females, . . . . .                                | 24  | 2   | 4                          | 7                          | -                          | 7                          | 1                          | 1                          | -                           | 1                            | -                            |                              | 1                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . .  | 101                                       | 1   | 3                          | 13                         | 14                         | 30                         | 13                         | 9                          | 15                          | 2                            | 1                            |                              | -                            | -                            | -                   |
| <b>Soap.</b>                                      | 643                                       | 3   | 7                          | 35                         | 48                         | 38                         | 25                         | 29                         | 60                          | 100                          | 106                          |                              | 76                           | 15                           | 9                   |
| Adults (18 years of age and over):                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Males, . . . . .                                  | 381                                       | -   | -                          | 3                          | 2                          | 2                          | 7                          | 10                         | 55                          | 96                           | 106                          |                              | 76                           | 15                           | 9                   |
| Females, . . . . .                                | 105                                       | 1   | 4                          | 11                         | 32                         | 22                         | 13                         | 15                         | 4                           | 3                            | -                            |                              | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . .  | 62  | 1   | 3                          | 21                         | 12                         | 14                         | 5                          | 4                          | 1                           | 1                            | -                            |                              | -                            | -                            | -                   |

|   |       |   |   |    |     |     |     |     |     |     |     |     |
|---|-------|---|---|----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Sporting and Athletic Goods.</b>               |       |   |   |    |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):                |       |   |   |    |     |     |     |     |     |     |     |     |
| Males, . . . . .                                  | 817   | - | - | 1  | 6   | 2   | 24  | 44  | 39  | 135 | 203 | 215 |
| Females, . . . . .                                | 804   | - | - | 18 | 59  | 62  | 55  | 30  | 31  | 36  | 11  | 2   |
| Young persons (under 18 years of age), . . . . .  | 114   | - | - | 14 | 26  | 30  | 16  | 8   | 4   | 10  | 6   | -   |
| <b>Stationery Goods, not elsewhere Specified.</b> |       |   |   |    |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):                |       |   |   |    |     |     |     |     |     |     |     |     |
| Males, . . . . .                                  | 592   | 2 | - | 1  | 11  | 18  | 32  | 35  | 56  | 86  | 135 | 147 |
| Females, . . . . .                                | 712   | 3 | 4 | 23 | 64  | 118 | 104 | 94  | 103 | 113 | 68  | 17  |
| Young persons (under 18 years of age), . . . . .  | 352   | 2 | 5 | 75 | 100 | 73  | 39  | 37  | 16  | 1   | 2   | 2   |
| <b>Statuary and Art Goods.</b>                    |       |   |   |    |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):                |       |   |   |    |     |     |     |     |     |     |     |     |
| Males, . . . . .                                  | 130   | - | - | -  | 1   | 2   | -   | 6   | 7   | 15  | 36  | 28  |
| Females, . . . . .                                | -     | - | - | -  | -   | -   | -   | -   | -   | -   | -   | -   |
| Young persons (under 18 years of age), . . . . .  | 1     | - | - | -  | -   | -   | 1   | -   | -   | -   | -   | -   |
| <b>Steam Fittings and Heating Apparatus.</b>      |       |   |   |    |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):                |       |   |   |    |     |     |     |     |     |     |     |     |
| Males, . . . . .                                  | 3,436 | 1 | 5 | 14 | 78  | 231 | 169 | 433 | 639 | 490 | 465 | 788 |
| Females, . . . . .                                | 121   | - | - | 7  | 32  | 145 | 150 | 477 | 636 | 494 | 455 | 792 |
| Young persons (under 18 years of age), . . . . .  | 55    | 1 | 1 | 3  | 16  | 21  | 9   | 2   | -   | 2   | -   | -   |
| <b>Steam Packing.</b>                             |       |   |   |    |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):                |       |   |   |    |     |     |     |     |     |     |     |     |
| Males, . . . . .                                  | 78    | - | - | -  | -   | -   | -   | 7   | 6   | 11  | 16  | 29  |
| Females, . . . . .                                | 2     | - | - | -  | -   | -   | -   | -   | -   | 2   | -   | -   |
| Young persons (under 18 years of age), . . . . .  | 5     | - | - | -  | 1   | 2   | -   | 1   | 1   | -   | -   | -   |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| Industries and Sex.   | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|---|---|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|   |   | \$3   |                     | \$4                 |                     | \$5                 |                     | \$6                 |                      | \$7                  |                      | \$8                  |                      | \$9                  |                      | \$10                 |                      |
|   |   | Under<br>\$3  | but<br>under<br>\$4 | but<br>under<br>\$5 | but<br>under<br>\$6 | but<br>under<br>\$7 | but<br>under<br>\$8 | but<br>under<br>\$9 | but<br>under<br>\$10 | but<br>under<br>\$11 | but<br>under<br>\$12 | but<br>under<br>\$13 | but<br>under<br>\$14 | but<br>under<br>\$15 | but<br>under<br>\$16 | but<br>under<br>\$17 | but<br>under<br>\$18 |
| <b>Stereotyping and Electrotyping.</b>                        | 298                                       | -   | -                   | 13                  | 13                  | 21                  | 0                   | 16                  | 0                    | 16                   | 16                   | 39                   | 66                   | 67                   | 80                   |                      |                      |
| Adults (18 years of age and over):                            |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Males, . . . . .  | 257                                       | -   | -                   | 6                   | 4                   | 12                  | 5                   | 11                  | 8                    | 14                   | 37                   | 64                   | 66                   | 30                   |                      |                      |                      |
| Females, . . . . .  | 11  | -   | -                   | -                   | -                   | 3                   | 1                   | -                   | -                    | 2                    | 2                    | 2                    | 1                    | -                    |                      |                      |                      |
| Young persons (under 18 years of age), . . .                  | 30  | -   | -                   | 7                   | 8                   | 6                   | 3                   | 5                   | 1                    | -                    | -                    | -                    | -                    | -                    |                      |                      |                      |
| <b>Stoves and Furnaces, not including Gas and Oil Stoves.</b> | 1,723                                     | -   | 1                   | 7                   | 2                   | 14                  | 30                  | 17                  | 96                   | 259                  | 232                  | 363                  | 254                  | 363                  |                      |                      |                      |
| Adults (18 years of age and over):                            |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Males, . . . . .  | 1,696                                     | -   | 1                   | 6                   | -                   | 9                   | 23                  | 14                  | 89                   | 257                  | 232                  | 363                  | 254                  | 363                  |                      |                      |                      |
| Females, . . . . .  | 3   | -   | -                   | -                   | -                   | -                   | -                   | 1                   | -                    | 2                    | -                    | -                    | -                    | -                    |                      |                      |                      |
| Young persons (under 18 years of age), . . .                  | 24  | -   | -                   | 1                   | 2                   | 5                   | 7                   | 2                   | 7                    | -                    | -                    | -                    | -                    | -                    |                      |                      |                      |
| <b>Structural Ironwork.</b>                                   | 1,930                                     | 1   | -                   | 6                   | 8                   | 13                  | 24                  | 33                  | 71                   | 424                  | 430                  | 514                  | 239                  | 129                  |                      |                      |                      |
| Adults (18 years of age and over):                            |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Males, . . . . .  | 1,918                                     | 1   | -                   | 6                   | 4                   | 10                  | 19                  | 33                  | 71                   | 423                  | 430                  | 514                  | 239                  | 129                  |                      |                      |                      |
| Females, . . . . .  | -   | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    |                      |                      |                      |
| Young persons (under 18 years of age), . . .                  | 12  | -   | -                   | -                   | 4                   | 2                   | 5                   | -                   | -                    | 1                    | -                    | -                    | -                    | -                    |                      |                      |                      |
| <b>Surgical Appliances.</b>                                   | 233                                       | -   | 2                   | 11                  | 17                  | 33                  | 27                  | 13                  | 31                   | 36                   | 16                   | 26                   | 17                   | 4                    |                      |                      |                      |
| Adults (18 years of age and over):                            |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Males, . . . . .  | 135                                       | -   | -                   | -                   | -                   | 1                   | 6                   | 11                  | 26                   | 32                   | 14                   | 24                   | 17                   | 4                    |                      |                      |                      |
| Females, . . . . .  | 71  | -   | -                   | 2                   | 10                  | 31                  | 14                  | 2                   | 5                    | 3                    | 2                    | 2                    | -                    | -                    |                      |                      |                      |
| Young persons (under 18 years of age), . . .                  | 27  | -   | 2                   | 9                   | 7                   | 1                   | 7                   | -                   | -                    | 1                    | -                    | -                    | -                    | -                    |                      |                      |                      |

| Suspenders, Garters, and Elastic Woven Goods.    | 3,684 | 7  | 114 | 280 | 539 | 417 | 873 | 399 | 468 | 498 | 363 | 313   | 119 | 54  |
|--|-------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|
| Adults (18 years of age and over):               |       |    |     |     |     |     |     |     |     |     |     |       |     |     |
| Males, . . . . .                                 | 1,161 | -  | 1   | 11  | 33  | 48  | 64  | 69  | 102 | 194 | 237 | 266   | 114 | 33  |
| Females, . . . . .                               | 2,106 | 2  | 9   | 96  | 210 | 311 | 286 | 330 | 361 | 300 | 156 | 47    | 5   | 2   |
| Young persons (under 18 years of age), . . . . . | 418   | 5  | 104 | 113 | 96  | 58  | 23  | 10  | 5   | 4   | -   | -     | -   | -   |
| <b>Tobacco Manufactures.</b>                     |       |    |     |     |     |     |     |     |     |     |     |       |     |     |
| Adults (18 years of age and over):               | 4,468 | 58 | 74  | 181 | 170 | 237 | 401 | 248 | 148 | 177 | 428 | 1,063 | 331 | 510 |
| Males, . . . . .                                 | 3,043 | 5  | 15  | 17  | 23  | 44  | 50  | 43  | 48  | 113 | 360 | 990   | 835 | 502 |
| Females, . . . . .                               | 1,295 | 39 | 36  | 59  | 117 | 183 | 336 | 193 | 99  | 64  | 83  | 73    | 26  | 8   |
| Young persons (under 18 years of age), . . . . . | 140   | 8  | 23  | 45  | 31  | 11  | 15  | 6   | 1   | -   | -   | -     | -   | -   |
| <b>Toys and Games.</b>                           |       |    |     |     |     |     |     |     |     |     |     |       |     |     |
| Adults (18 years of age and over):               | 1,491 | 4  | 33  | 110 | 136 | 148 | 134 | 164 | 178 | 218 | 165 | 93    | 25  | 13  |
| Males, . . . . .                                 | 845   | -  | 3   | 15  | 32  | 50  | 64  | 113 | 135 | 164 | 141 | 90    | 25  | 13  |
| Females, . . . . .                               | 452   | 1  | 17  | 37  | 86  | 79  | 63  | 47  | 41  | 54  | 24  | 3     | -   | -   |
| Young persons (under 18 years of age), . . . . . | 124   | 3  | 13  | 58  | 18  | 19  | 7   | 4   | 2   | -   | -   | -     | -   | -   |
| <b>Trunks and Valises.</b>                       |       |    |     |     |     |     |     |     |     |     |     |       |     |     |
| Adults (18 years of age and over):               | 634   | 1  | 19  | 17  | 31  | 50  | 34  | 39  | 46  | 60  | 106 | 110   | 18  | 3   |
| Males, . . . . .                                 | 358   | -  | 1   | 9   | 12  | 13  | 9   | 15  | 29  | 44  | 97  | 109   | 17  | 3   |
| Females, . . . . .                               | 105   | -  | 4   | 4   | 6   | 19  | 13  | 20  | 16  | 14  | 7   | 1     | 1   | -   |
| Young persons (under 18 years of age), . . . . . | 71    | 1  | 14  | 4   | 13  | 18  | 12  | 4   | 1   | 2   | 2   | -     | -   | -   |
| <b>Type Founding and Printing Materials.</b>     |       |    |     |     |     |     |     |     |     |     |     |       |     |     |
| Adults (18 years of age and over):               | 186   | -  | -   | 6   | 11  | 13  | 10  | 1   | 4   | 5   | 18  | 20    | 26  | 12  |
| Males, . . . . .                                 | 96    | -  | -   | -   | 2   | 7   | 5   | 1   | 2   | 5   | 18  | 20    | -   | -   |
| Females, . . . . .                               | 23    | -  | -   | -   | 4   | 6   | 4   | -   | 2   | -   | -   | -     | -   | -   |
| Young persons (under 18 years of age), . . . . . | 5     | -  | -   | 2   | 2   | -   | 1   | -   | -   | -   | -   | -     | -   | -   |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1912 — Continued.

| INDUSTRIES AND SEX.                              | Total<br>Number<br>of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
|--|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |   | Under<br>\$3  | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>and<br>over |
| <b>Upholstering Materials.</b>                   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 280                                       | 1   | -                          | 4                          | 15                         | 2                          | 7                          | 1                          | 98                          | 39                           | 27                           | 28                           | 4                            | -                            | -                   |
| Males, . . . . .                                 | 192                                       | -   | -                          | -                          | 1                          | -                          | 2                          | -                          | 98                          | 38                           | 27                           | 22                           | 4                            | -                            | -                   |
| Females, . . . . .                               | 20  | 1   | -                          | 4                          | 9                          | -                          | 5                          | -                          | -                           | 1                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 8   | -   | -                          | -                          | 5                          | 2                          | -                          | 1                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Vinegar and Cider.</b>                        |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 113                                       | -   | -                          | -                          | 1                          | -                          | -                          | 1                          | 7                           | 55                           | 38                           | 10                           | 1                            | -                            | -                   |
| Males, . . . . .                                 | 111                                       | -   | -                          | -                          | -                          | -                          | -                          | 1                          | 7                           | 54                           | 38                           | 10                           | 1                            | -                            | -                   |
| Females, . . . . .                               | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | 1                            | -                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 2   | -   | -                          | -                          | 1                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Waste.</b>                                    |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 701                                       | -   | -                          | 27                         | 153                        | 28                         | 194                        | 81                         | 40                          | 84                           | 58                           | 28                           | 7                            | 8                            | -                   |
| Males, . . . . .                                 | 421                                       | -   | -                          | -                          | -                          | 1                          | 128                        | 76                         | 39                          | 83                           | 57                           | 28                           | 7                            | 2                            | -                   |
| Females, . . . . .                               | 263                                       | -   | -                          | 27                         | 145                        | 26                         | 56                         | 5                          | 1                           | 1                            | 1                            | -                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 18  | -   | -                          | -                          | 7                          | 1                          | 10                         | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                   |
| <b>Watch and Clock Materials.</b>                |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                     |
| Adults (18 years of age and over):               | 191                                       | -   | 2                          | 12                         | 9                          | 8                          | 10                         | 57                         | 23                          | 12                           | 11                           | 22                           | 18                           | 7                            | -                   |
| Males, . . . . .                                 | 67  | -   | -                          | -                          | 1                          | 1                          | 2                          | 3                          | 4                           | 3                            | 7                            | 21                           | 18                           | 7                            | -                   |
| Females, . . . . .                               | 109                                       | -   | 1                          | 5                          | 6                          | 6                          | 7                          | 53                         | 18                          | 8                            | 4                            | 1                            | -                            | -                            | -                   |
| Young persons (under 18 years of age), . . . . . | 15  | -   | 1                          | 7                          | 2                          | 1                          | 1                          | 1                          | 1                           | 1                            | -                            | -                            | -                            | -                            | -                   |

| Whips.   |  | 1,008 | 0  | 18 | 25 | 55  | 72  | 98  | 91  | 119 | 293 | 180 | 105   | 21  | 15 |
|--|--|-------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-------|-----|----|
| Adults (18 years of age and over):               |  |       |    |    |    |     |     |     |     |     |     |     |       |     |    |
| Males, . . . . .                                 |  | 721   | -  | 2  | 5  | 2   | 9   | 10  | 45  | 78  | 265 | 167 | 101   | 21  | 15 |
| Females, . . . . .                               |  | 318   | 6  | 7  | 6  | 41  | 49  | 81  | 45  | 39  | 27  | 13  | 4     | -   | -  |
| Young persons (under 18 years of age), . . . . . |  | 53    | -  | 3  | 14 | 12  | 14  | 7   | 1   | 2   | -   | -   | -     | -   | -  |
| Window Shades and Fixtures.                      |  |       |    |    |    |     |     |     |     |     |     |     |       |     |    |
| Adults (18 years of age and over):               |  | 79    | -  | -  | -  | 10  | 4   | 6   | 6   | 6   | 11  | 14  | 19    | 3   | 1  |
| Males, . . . . .                                 |  | 59    | -  | -  | -  | 4   | 3   | 3   | 3   | 3   | 9   | 13  | 18    | 2   | 1  |
| Females, . . . . .                               |  | 15    | -  | -  | -  | 2   | 1   | 3   | 3   | 1   | 2   | 1   | 1     | 1   | -  |
| Young persons (under 18 years of age), . . . . . |  | 5     | -  | -  | -  | 4   | -   | -   | -   | 1   | -   | -   | -     | -   | -  |
| Wire.  |  | 4,065 | -  | 4  | 14 | 68  | 68  | 80  | 95  | 495 | 759 | 881 | 1,189 | 354 | 68 |
| Adults (18 years of age and over):               |  |       |    |    |    |     |     |     |     |     |     |     |       |     |    |
| Males, . . . . .                                 |  | 3,894 | -  | 1  | -  | 21  | 21  | 44  | 75  | 479 | 741 | 871 | 1,195 | 354 | 63 |
| Females, . . . . .                               |  | 82    | -  | -  | -  | 10  | 7   | 7   | 12  | 14  | 18  | 10  | 4     | -   | -  |
| Young persons (under 18 years of age), . . . . . |  | 117   | -  | 3  | 14 | 31  | 30  | 29  | 8   | 2   | -   | -   | -     | -   | -  |
| Wirework, Including Wire Rope and Cable.         |  | 2,281 | 31 | 18 | 89 | 169 | 168 | 255 | 287 | 255 | 576 | 519 | 265   | 101 | 55 |
| Adults (18 years of age and over):               |  |       |    |    |    |     |     |     |     |     |     |     |       |     |    |
| Males, . . . . .                                 |  | 1,638 | 6  | 5  | 18 | 44  | 80  | 163 | 199 | 190 | 255 | 318 | 264   | 101 | 55 |
| Females, . . . . .                               |  | 362   | 24 | 9  | 8  | 39  | 68  | 75  | 80  | 41  | 16  | 1   | 1     | -   | -  |
| Young persons (under 18 years of age), . . . . . |  | 231   | 1  | 4  | 63 | 86  | 35  | 25  | 8   | 4   | 5   | -   | -     | -   | -  |
| Wood, Turned and Carved.                         |  | 1,456 | 2  | 1  | 16 | 58  | 225 | 356 | 157 | 183 | 175 | 160 | 80    | 17  | 7  |
| Adults (18 years of age and over):               |  |       |    |    |    |     |     |     |     |     |     |     |       |     |    |
| Males, . . . . .                                 |  | 1,290 | -  | 1  | 1  | 9   | 238 | 307 | 133 | 139 | 168 | 150 | 80    | 17  | 7  |
| Females, . . . . .                               |  | 25    | -  | -  | -  | 7   | 3   | 6   | 2   | 2   | 5   | -   | -     | -   | -  |
| Young persons (under 18 years of age), . . . . . |  | 110   | 2  | -  | 15 | 43  | 34  | 13  | 2   | 3   | -   | -   | -     | -   | -  |



TABLE VI. DAYS IN OPERATION.

## A. THE STATE: BY INDUSTRIES.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.   | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|---|--------------------------|-------------------------------------|
| <b>THE STATE.</b>  | <b>8,271</b>             | <b>291.8</b>                        | <b>The State — Con.</b>   |                          |                                     |
| Agricultural implements, . . .   | 5                        | 301.6                               | Confectionery, . . .  | 116                      | 291.0                               |
| Artificial stone, . . .  | 29                       | 277.8                               | Cooperage, . . .  | 34                       | 276.1                               |
| Automobiles, including bodies and parts, . . .                                     | 57                       | 295.5                               | Copper, tin, and sheet iron products, . . .                     | 118                      | 298.1                               |
| Awnings, tents, and sails, . . .   | 40                       | 275.9                               | Cordage and twine, . . .  | 16                       | 288.2                               |
| Baskets, and rattan and willow-ware, . . .   | 14                       | 270.4                               | Cordials and sirups, . . .                                      | 7                        | 306.0                               |
| Belting and hose, leather, . . .   | 15                       | 302.8                               | Corsets, . . .  | 11                       | 299.5                               |
| Belting and hose, woven, . . .   | 7                        | 285.4                               | Cotton goods, . . .   | 168                      | 284.9                               |
| Bicycles, motorcycles, and parts, . . .  | 5                        | 299.8                               | Cotton small wares, . . .                                       | 25                       | 295.6                               |
| Billiard tables and materials, . . .   | 5                        | 305.8                               | Cutlery and tools, not elsewhere specified, . . .               | 135                      | 289.8                               |
| Blacking, . . .  | 50                       | 301.4                               | Dairymen's, poulterers', and apiarists' supplies, . . .         | 5                        | 299.0                               |
| Bookbinding and blank-book making, . . .   | 48                       | 301.9                               | Dentists' materials, . . .                                      | 7                        | 306.0                               |
| Boot and shoe cut stock and findings, . . .  | 366                      | 292.9                               | Dyeing and finishing textiles, . . .                            | 50                       | 290.5                               |
| Boots and shoes, . . .   | 400                      | 282.1                               | Dyestuffs and extracts, . . .                                   | 13                       | 292.7                               |
| Boxes and shoes, rubber, . . .   | 8                        | 283.6                               | Electrical machinery, apparatus, and supplies, . . .            | 78                       | 295.3                               |
| Boxes, cigar, . . .  | 4                        | 300.0                               | Electroplating, . . .   | 34                       | 303.0                               |
| Boxes, fancy and paper, . . .  | 95                       | 290.7                               | Emery and other abrasive wheels, . . .                          | 11                       | 302.5                               |
| Boxes, wooden packing, . . .   | 103                      | 292.9                               | Enameling and japaning, . . .                                   | 12                       | 292.5                               |
| Brass and bronze products, . . .   | 69                       | 299.3                               | Engraving and diesinking, . . .                                 | 21                       | 295.0                               |
| Bread and other bakery products, . . .   | 823                      | 308.2                               | Envelopes, . . .  | 12                       | 300.4                               |
| Brick and tile, . . .  | 42                       | 170.7                               | Fancy articles not elsewhere specified, . . .                   | 17                       | 296.6                               |
| Brooms, . . .  | 21                       | 275.6                               | Felt goods, . . .   | 12                       | 278.8                               |
| Brushes, . . .   | 28                       | 293.5                               | Firearms, . . .   | 6                        | 292.8                               |
| Butter, . . .  | 18                       | 295.1                               | Flavoring extracts, . . .                                       | 12                       | 305.4                               |
| Buttons, . . .   | 8                        | 288.6                               | Flour-mill and grist-mill products, . . .                       | 71                       | 271.7                               |
| Canning and preserving, . . .  | 55                       | 272.7                               | Food preparations, . . .  | 30                       | 237.4                               |
| Card cutting and designing, . . .  | 4                        | 293.3                               | Foundry and machine-shop products, . . .                        | 614                      | 304.5                               |
| Carpets and rugs, other than rag, . . .  | 10                       | 302.1                               | Fur goods, . . .  | 12                       | 292.7                               |
| Carpets, rag, . . .  | 17                       | 276.3                               | Furnishing goods, men's, . . .                                  | 15                       | 273.1                               |
| Carriages and sleds, children's, . . .   | 5                        | 290.8                               | Furniture, . . .  | 112                      | 294.8                               |
| Carriages and wagons and materials, . . .  | 85                       | 303.6                               | Galvanising, . . .  | 3                        | 293.7                               |
| Cars and general shop construction and repairs by steam-rail-road companies, . . . | 21                       | 308.5                               | Gas and electric fixtures, . . .                                | 10                       | 300.5                               |
| Chemicals, . . .   | 19                       | 290.9                               | Glass cutting, staining, and ornamenting, . . .                 | 23                       | 294.9                               |
| Cleansing and polishing preparations, . . .  | 15                       | 301.4                               | Glue, . . .   | 10                       | 271.4                               |
| Clocks, . . .  | 7                        | 300.3                               | Gold and silver, leaf and foil, . . .                           | 10                       | 290.0                               |
| Cloth, sponging and refinishing, . . .   | 3                        | 306.0                               | Gold and silver, reducing and refining, not from the ore, . . . | 7                        | 305.3                               |
| Clothing, men's, . . .   | 193                      | 268.4                               | Grease and tallow, . . .  | 35                       | 294.7                               |
| Clothing, women's, . . .   | 173                      | 276.2                               | Hand-knit goods, . . .  | 6                        | 305.8                               |
| Coffee and spice, roasting and grinding, . . .                                     | 16                       | 299.2                               | Hand stamps and stencils and brands, . . .                      | 24                       | 298.9                               |
| Coffins, burial cases, and undertakers' goods, . . .                               | 12                       | 297.1                               | Hardware, . . .   | 36                       | 298.4                               |
| Combs and hairpins, . . .  | 37                       | 281.6                               | Hats and caps, other than felt, straw and wool, . . .           | 25                       | 290.6                               |
|  |                          |                                     | Hats, felt, . . .   | 8                        | 252.0                               |
|  |                          |                                     | Hats, straw, . . .  | 19                       | 265.3                               |

TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>  |                          |                                     | <b>The State — Con.</b>  |                          |                                     |
| Hats, wool, . . .  | 3                        | 286.0                               | Paints and varnishes, . . .  | 35                       | 295.9                               |
| Hosiery and knit goods, . . .  | 62                       | 289.7                               | Paper and wood pulp, . . .   | 91                       | 274.9                               |
| House furnishing goods, not elsewhere specified, . . .   | 24                       | 282.1                               | Paper goods, not elsewhere specified, . . .                              | 41                       | 294.9                               |
| Instruments, professional and scientific, . . .  | 20                       | 296.3                               | Patent medicines and compounds and druggists' preparations, . . .        | 71                       | 296.3                               |
| Iron and steel, steel works and rolling mills, . . .   | 6                        | 288.2                               | Photo-engraving, . . .   | 12                       | 304.3                               |
| Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills, . . .                        | 8                        | 298.9                               | Plumbers' supplies, . . .  | 21                       | 294.9                               |
| Iron and steel forgings, . . .   | 10                       | 295.6                               | Pocketbooks, . . .   | 5                        | 300.0                               |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . . | 23                       | 284.3                               | Pottory, terra-cotta, and fire-clay products, . . .                      | 17                       | 274.2                               |
| Ivory, shell and bone work, not including combs and hairpins, . . .  | 4                        | 260.5                               | Printing and publishing, . . .   | 120                      | 302.4                               |
| Jewelry, . . .   | 153                      | 279.5                               | Refrigerators, . . .   | 12                       | 292.8                               |
| Jewelry and instrument cases, . . .  | 12                       | 299.8                               | Regalia and society badges and emblems, . . .                            | 5                        | 284.4                               |
| Keolin and ground earths, . . .  | 6                        | 305.2                               | Rubber goods, not elsewhere specified, . . .                             | 34                       | 296.2                               |
| Labels and tags, . . .   | 4                        | 306.0                               | Saddlery and harness, . . .  | 29                       | 300.1                               |
| Lamps and reflectors, . . .  | 5                        | 302.0                               | Sausage, not made in slaughtering and meat-packing establishments, . . . | 47                       | 298.1                               |
| Lasts, . . .   | 29                       | 290.5                               | Scales and balances, . . .   | 4                        | 301.0                               |
| Leather goods, not elsewhere specified, . . .  | 40                       | 290.5                               | Screws, machine, . . .   | 14                       | 302.6                               |
| Leather tanned, curried, and finished, . . .   | 126                      | 291.3                               | Shipbuilding, wooden, including boat building, . . .                     | 52                       | 277.6                               |
| Lime, . . .  | 9                        | 275.6                               | Shirts, . . .  | 14                       | 293.4                               |
| Linen goods, . . .   | 8                        | 299.4                               | Shoddy, . . .  | 26                       | 249.9                               |
| Liquors, distilled, . . .  | 6                        | 289.8                               | Showcases, . . .   | 11                       | 301.5                               |
| Liquors, malt, . . .   | 33                       | 302.4                               | Signs and advertising novelties, . . .                                   | 12                       | 301.8                               |
| Looking-glass and picture frames, . . .  | 20                       | 300.9                               | Silk and silk goods, including throwsters, . . .                         | 17                       | 282.0                               |
| Lumber and timber products, . . .  | 25                       | 235.2                               | Silverware and plated ware, . . .  | 21                       | 277.6                               |
| Lumber, planing-mill products, . . .   | 165                      | 299.4                               | Slaughtering and meat packing, . . .                                     | 38                       | 264.0                               |
| Marble and stone work, . . .   | 106                      | 262.2                               | Soap, . . .  | 37                       | 291.2                               |
| Mattresses and spring beds, . . .  | 38                       | 293.5                               | Sporting and athletic goods, . . .                                       | 16                       | 302.4                               |
| Millinery and lace goods, . . .  | 69                       | 279.2                               | Stationery goods, not elsewhere specified, . . .                         | 19                       | 296.5                               |
| Mineral and soda waters, . . .   | 78                       | 283.0                               | Statuary and art goods, . . .  | 10                       | 293.5                               |
| Models and patterns, not including paper patterns, . . .   | 57                       | 295.3                               | Steam fittings and heating apparatus, . . .                              | 28                       | 290.1                               |
| Monuments and tombstones, . . .  | 149                      | 281.7                               | Steam packing, . . .   | 9                        | 301.3                               |
| Mucilage and paste, . . .  | 16                       | 292.1                               | Stereotyping and electrotyping, . . .                                    | 13                       | 304.9                               |
| Musical instruments and materials, not elsewhere specified, . . .  | 13                       | 296.2                               | Stoves and furnaces, not including gas and oil stoves, . . .             | 13                       | 267.4                               |
| Musical instruments, pianos and organs, and materials, . . .   | 50                       | 298.7                               | Structural ironwork, . . .   | 46                       | 304.1                               |
| Oil, not elsewhere specified, . . .  | 17                       | 303.5                               | Surgical appliances, . . .   | 10                       | 302.9                               |
| Optical goods, . . .   | 8                        | 284.3                               | Suspenders, garters, and elastic woven goods, . . .                      | 32                       | 289.1                               |
|  |                          |                                     | Tobacco manufactures, . . .  | 338                      | 287.0                               |
|  |                          |                                     | Toys and games, . . .  | 10                       | 295.9                               |
|  |                          |                                     | Trunks and valises, . . .  | 19                       | 293.5                               |
|  |                          |                                     | Type founding and printing materials, . . .                              | 8                        | 296.3                               |
|  |                          |                                     | Upholstering materials, . . .  | 5                        | 261.6                               |

TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Concluded.

| INDUSTRIES.                           | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.                                    | Number of Establishments | Average Number of Days in Operation |
|---------------------------------------|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>               |                          |                                     | <b>The State — Con.</b>                        |                          |                                     |
| Vinegar and cider, . . .              | 11                       | 244.4                               | Wirework, including wire rope and cable, . . . | 33                       | 290.0                               |
| Waste, . . . . .                      | 9                        | 300.8                               | Wood, turned and carved, . . . . .             | 45                       | 285.3                               |
| Watch and clock materials, . . . . .  | 5                        | 283.6                               | Wooden goods, not elsewhere specified, . . .   | 27                       | 287.7                               |
| Whips, . . . . .                      | 24                       | 291.6                               | Wool scouring, . . . . .                       | 10                       | 288.6                               |
| Window shades and fixtures, . . . . . | 10                       | 303.4                               | Woolen and worsted goods, . . .                | 167                      | 287.2                               |
| Wire, . . . . .                       | 8                        | 304.0                               | All other industries, . . . . .                | 176                      | 293.9                               |

## B. THE STATE: BY CITIES AND TOWNS.

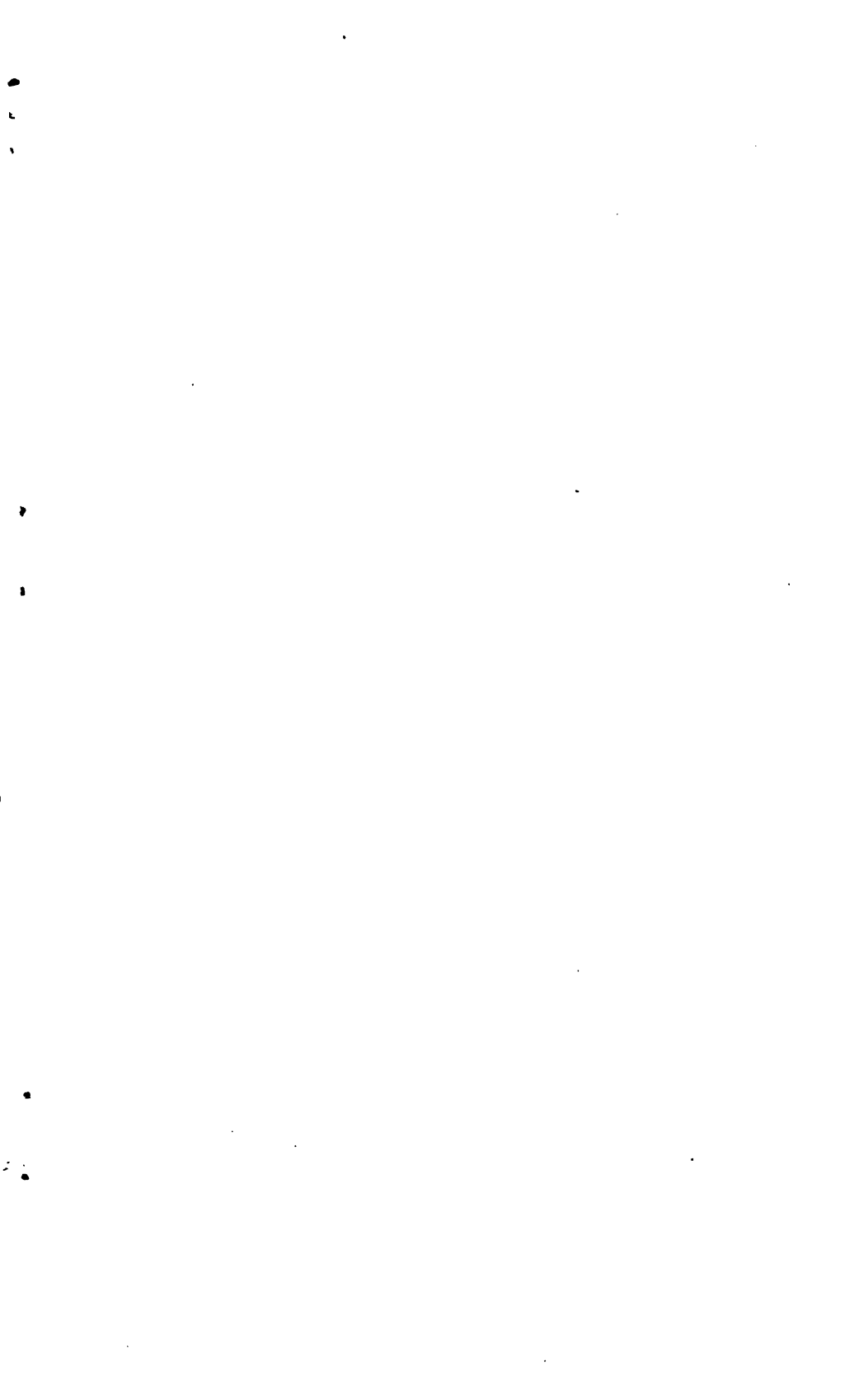
| CITIES AND TOWNS.       | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.           | Number of Establishments | Average Number of Days in Operation |
|-------------------------|--------------------------|-------------------------------------|-----------------------------|--------------------------|-------------------------------------|
| <b>THE STATE.</b>       | <b>8,371</b>             | <b>291.8</b>                        | <b>The State — Con.</b>     |                          |                                     |
| Abington, . . . . .     | 12                       | 291.8                               | Easthampton, . . . . .      | 16                       | 276.8                               |
| Acton, . . . . .        | 14                       | 272.3                               | Easton, . . . . .           | 8                        | 297.5                               |
| Adams, . . . . .        | 26                       | 298.7                               | Erving, . . . . .           | 4                        | 288.5                               |
| Agawam, . . . . .       | 8                        | 294.0                               | Essex, . . . . .            | 3                        | 259.0                               |
| Amesbury, . . . . .     | 45                       | 277.0                               | EVERETT, . . . . .          | 47                       | 285.3                               |
| Amherst, . . . . .      | 15                       | 279.4                               | FALL RIVER, . . . . .       | 222                      | 295.7                               |
| Andover, . . . . .      | 9                        | 298.9                               | FITCHBURG, . . . . .        | 115                      | 290.1                               |
| Arlington, . . . . .    | 13                       | 285.8                               | Foxborough, . . . . .       | 12                       | 280.3                               |
| Ashburnham, . . . . .   | 10                       | 251.6                               | Frammingham, . . . . .      | 33                       | 289.7                               |
| Athol, . . . . .        | 30                       | 291.0                               | Franklin, . . . . .         | 25                       | 284.9                               |
| Attleborough, . . . . . | 119                      | 284.0                               | Gardner, . . . . .          | 48                       | 291.3                               |
| Auburn, . . . . .       | 4                        | 265.5                               | Georgetown, . . . . .       | 6                        | 230.0                               |
| Ayer, . . . . .         | 12                       | 300.2                               | GLOUCESTER, . . . . .       | 76                       | 284.3                               |
| Barnstable, . . . . .   | 4                        | 234.8                               | Grafton, . . . . .          | 18                       | 296.4                               |
| Becket, . . . . .       | 6                        | 299.5                               | Great Barrington, . . . . . | 13                       | 292.4                               |
| BEVERLY, . . . . .      | 42                       | 283.6                               | Greenfield, . . . . .       | 32                       | 275.8                               |
| Billerica, . . . . .    | 6                        | 265.6                               | Groton, . . . . .           | 6                        | 303.0                               |
| Bozton, . . . . .       | 2,061                    | 291.5                               | Hanover, . . . . .          | 4                        | 284.3                               |
| Braintree, . . . . .    | 13                       | 294.3                               | Haverhill, . . . . .        | 310                      | 294.8                               |
| Bridgewater, . . . . .  | 14                       | 262.0                               | Hingham, . . . . .          | 5                        | 238.0                               |
| BROCKTON, . . . . .     | 179                      | 289.6                               | HOLYOKE, . . . . .          | 132                      | 288.6                               |
| Brookfield, . . . . .   | 3                        | 305.0                               | Hudson, . . . . .           | 22                       | 289.0                               |
| Brookline, . . . . .    | 11                       | 305.6                               | Kingston, . . . . .         | 5                        | 271.4                               |
| CAMBRIDGE, . . . . .    | 244                      | 294.7                               | LAWRENCE, . . . . .         | 129                      | 294.4                               |
| Canton, . . . . .       | 13                       | 293.7                               | Lee, . . . . .              | 15                       | 276.8                               |
| Chelmsford, . . . . .   | 11                       | 287.4                               | Leicester, . . . . .        | 10                       | 296.9                               |
| CHELSEA, . . . . .      | 87                       | 283.7                               | Leominster, . . . . .       | 76                       | 283.4                               |
| Chester, . . . . .      | 5                        | 275.0                               | Lexington, . . . . .        | 5                        | 300.7                               |
| CHICOPEE, . . . . .     | 39                       | 282.4                               | LOWELL, . . . . .           | 230                      | 295.3                               |
| Clinton, . . . . .      | 25                       | 298.1                               | LYNN, . . . . .             | 377                      | 288.6                               |
| Concord, . . . . .      | 8                        | 289.1                               | MALDEN, . . . . .           | 56                       | 285.1                               |
| Dalton, . . . . .       | 9                        | 298.9                               | Manchester, . . . . .       | 5                        | 284.0                               |
| Danvers, . . . . .      | 23                       | 264.9                               | Mansfield, . . . . .        | 18                       | 284.5                               |
| Dedham, . . . . .       | 9                        | 301.5                               | Marblehead, . . . . .       | 22                       | 254.4                               |
| Deerfield, . . . . .    | 7                        | 274.3                               | MARLBOROUGH, . . . . .      | 37                       | 278.2                               |
| Dighton, . . . . .      | 7                        | 288.0                               | MEDFORD, . . . . .          | 25                       | 292.1                               |
| Douglas, . . . . .      | 4                        | 304.8                               | Medway, . . . . .           | 9                        | 277.9                               |
| Dudley, . . . . .       | 9                        | 301.6                               | MELROSE, . . . . .          | 16                       | 297.4                               |
|                         |                          |                                     | Merrimac, . . . . .         | 7                        | 291.4                               |



TABLE VI. DAYS IN OPERATION — Concluded.

## B. THE STATE: BY CITIES AND TOWNS — Concluded.

| CITIES AND TOWNS.             | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.           | Number of Establishments | Average Number of Days in Operation |
|-------------------------------|--------------------------|-------------------------------------|-----------------------------|--------------------------|-------------------------------------|
| <b>The State — Con.</b>       |                          |                                     | <b>The State — Con.</b>     |                          |                                     |
| Methuen, . . . . .            | 17                       | 299.6                               | SALEM, . . . . .            | 140                      | 297.9                               |
| Middleborough, . . . . .      | 18                       | 293.8                               | Saugus, . . . . .           | 5                        | 299.3                               |
| Milford, . . . . .            | 36                       | 297.9                               |                             |                          |                                     |
| Millbury, . . . . .           | 25                       | 280.6                               | Shelburne, . . . . .        | 4                        | 288.5                               |
| Milton, . . . . .             | 4                        | 248.8                               | Shirley, . . . . .          | 6                        | 264.7                               |
| Monson, . . . . .             | 9                        | 288.2                               | SOMERVILLE, . . . . .       | 95                       | 296.1                               |
| Montague, . . . . .           | 16                       | 282.4                               | Southbridge, . . . . .      | 23                       | 299.7                               |
| Natick, . . . . .             | 32                       | 265.0                               | South Hadley, . . . . .     | 11                       | 264.0                               |
| Needham, . . . . .            | 17                       | 294.8                               | Spencer, . . . . .          | 11                       | 258.8                               |
| NEW BEDFORD, . . . . .        | 168                      | 293.7                               | SPRINGFIELD, . . . . .      | 252                      | 296.2                               |
| NEWBURYPORT, . . . . .        | 49                       | 293.5                               | Stoneham, . . . . .         | 19                       | 291.3                               |
| NEWTON, . . . . .             | 40                       | 295.7                               | Stoughton, . . . . .        | 18                       | 290.7                               |
| NORTH ADAMS, . . . . .        | 44                       | 294.3                               | Swampscott, . . . . .       | 3                        | 306.0                               |
| NORTHAMPTON, . . . . .        | 50                       | 288.3                               | TAUNTON, . . . . .          | 92                       | 289.0                               |
| North Andover, . . . . .      | 7                        | 309.7                               | Templeton, . . . . .        | 16                       | 266.5                               |
| North Attleborough, . . . . . | 61                       | 271.9                               | Townsend, . . . . .         | 6                        | 290.3                               |
| Northborough, . . . . .       | 6                        | 253.8                               | Uxbridge, . . . . .         | 10                       | 294.5                               |
| Northbridge, . . . . .        | 10                       | 305.3                               | Wakefield, . . . . .        | 14                       | 298.7                               |
| North Brookfield, . . . . .   | 7                        | 281.6                               | Walpole, . . . . .          | 11                       | 301.8                               |
| Norton, . . . . .             | 9                        | 291.5                               | WALTHAM, . . . . .          | 58                       | 292.1                               |
| Norwood, . . . . .            | 14                       | 300.4                               | Ware, . . . . .             | 13                       | 300.3                               |
| Orange, . . . . .             | 20                       | 276.2                               | Wareham, . . . . .          | 9                        | 287.2                               |
| Oxford, . . . . .             | 9                        | 257.6                               | Warren, . . . . .           | 9                        | 290.8                               |
| Palmer, . . . . .             | 12                       | 299.7                               | Watertown, . . . . .        | 13                       | 278.2                               |
| Peabody, . . . . .            | 60                       | 290.1                               | Wellesley, . . . . .        | 4                        | 296.8                               |
| Pepperell, . . . . .          | 10                       | 253.5                               | Westborough, . . . . .      | 12                       | 289.3                               |
| PRITCHFIELD, . . . . .        | 44                       | 295.7                               | Westfield, . . . . .        | 74                       | 294.8                               |
| Plainville, . . . . .         | 5                        | 266.0                               | Westford, . . . . .         | 13                       | 238.8                               |
| Plymouth, . . . . .           | 21                       | 294.9                               | West Springfield, . . . . . | 12                       | 285.5                               |
| QUINCY, . . . . .             | 150                      | 284.1                               | West Stockbridge, . . . . . | 5                        | 272.0                               |
| Randolph, . . . . .           | 7                        | 286.9                               | Weymouth, . . . . .         | 31                       | 287.8                               |
| Reading, . . . . .            | 15                       | 280.7                               | Whitman, . . . . .          | 17                       | 294.1                               |
| Revere, . . . . .             | 5                        | 275.6                               | Williamsburg, . . . . .     | 11                       | 292.4                               |
| Rockland, . . . . .           | 15                       | 295.0                               | Winchendon, . . . . .       | 18                       | 299.2                               |
| Rockport, . . . . .           | 12                       | 241.3                               | Winchester, . . . . .       | 15                       | 295.7                               |
| Rowley, . . . . .             | 7                        | 277.3                               | WOBURN, . . . . .           | 44                       | 292.6                               |
|                               |                          |                                     | WORCESTER, . . . . .        | 447                      | 297.3                               |
|                               |                          |                                     | Other towns, . . . . .      | 345                      | 273.5                               |





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**Public Document**

**No. 36**

**The Commonwealth of Massachusetts**

**BUREAU OF STATISTICS**

**CHARLES F. GETTEMY, Director**

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**TWENTY-EIGHTH ANNUAL REPORT**

**ON THE**

**STATISTICS OF MANUFACTURES**

**FOR THE YEAR**

**1913**



**BOSTON**  
**WRIGHT & POTTER PRINTING COMPANY**  
**STATE PRINTERS**  
**1914**

# ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-258 State House, Boston

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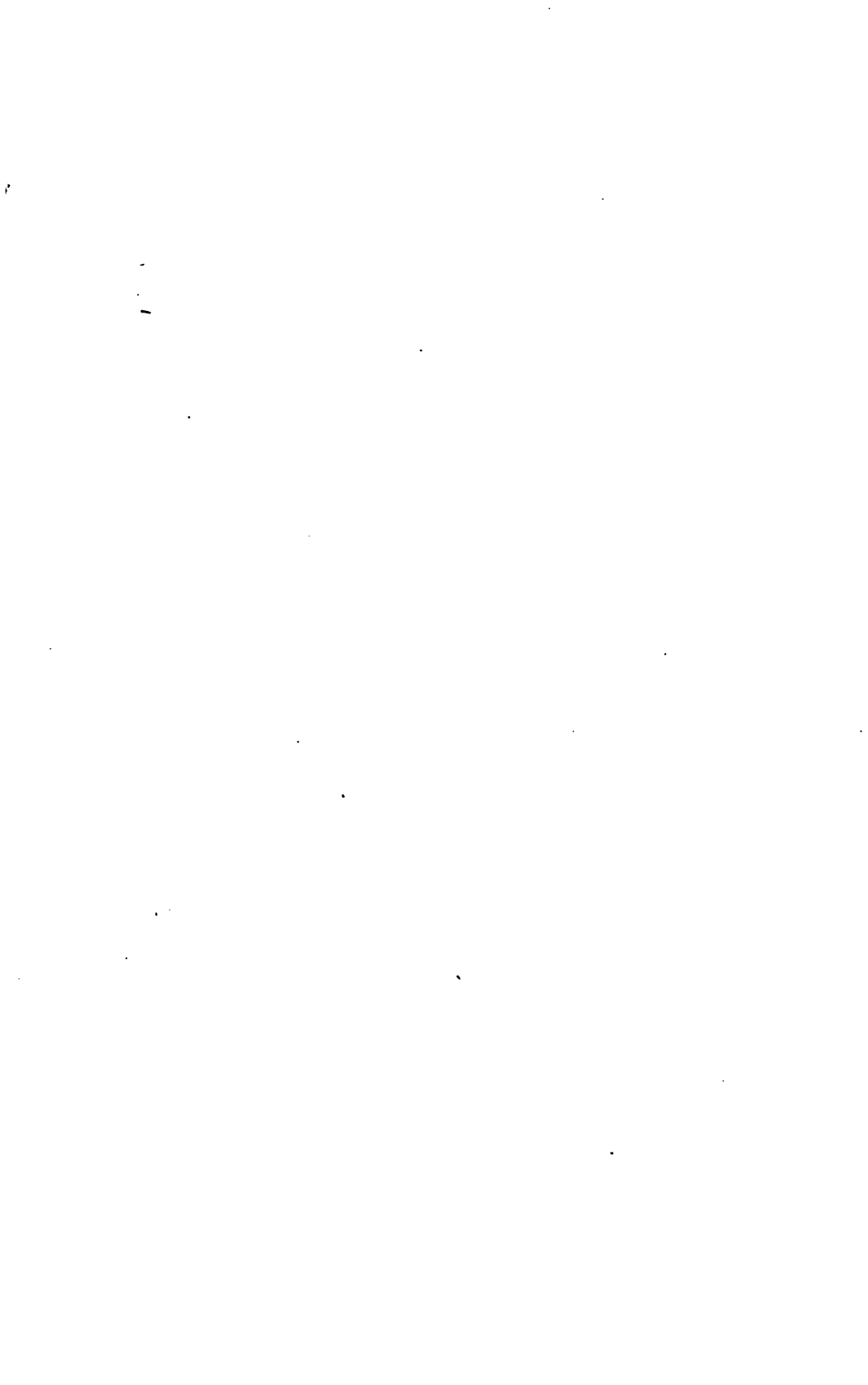
The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 41 North Main Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

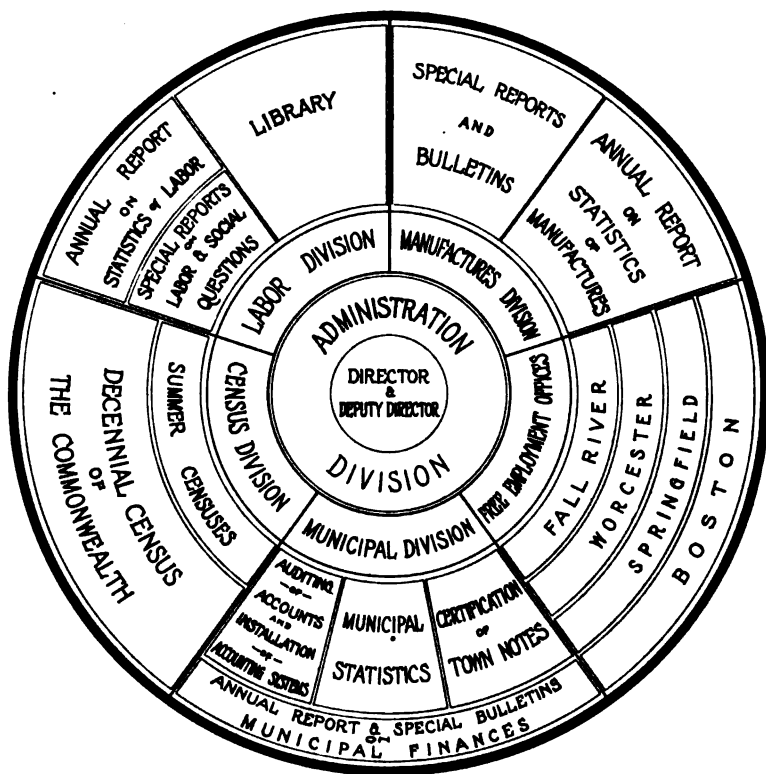
SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

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**The Commonwealth of Massachusetts**

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**TWENTY-EIGHTH ANNUAL REPORT**

**ON THE**

**STATISTICS OF MANUFACTURES**

**FOR THE YEAR**

**1913.**

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**BY THE**

**DIRECTOR OF THE BUREAU OF STATISTICS.**

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**BOSTON:**  
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**1914.**



# The Commonwealth of Massachusetts

## BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

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### EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

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# STATISTICS OF MANUFACTURES—1913.

---

## INTRODUCTION.

The data for the 28th Annual Report on the Statistics of Manufactures represent returns from 8,405 establishments for the year 1913 which register an aggregate value of goods made in our manufacturing industries for that year of nearly one and two-thirds billions of dollars (\$1,658,728,363). These figures exhibit a net gain over 1912 of 134 in the number of establishments, and an increase of \$61,993,918, or 3.9 per cent, in product value. As compared with the Census of 1909, when the total stood at \$1,490,529,386, our industrial growth is measured by a gain in product value of \$168,198,977, or 11.3 per cent, — an average for the four-year period of 2.8 per cent per year.

It is, of course, true that these figures are affected to a certain extent by price change and that general prices have not been declining in the last four years, not only as regards the necessities of life, but also for materials to be used for further production. The fact that on the whole there was substantial gain in 1913 is, however, borne out and perhaps better shown by the more significant comparison of the average number of wage-earners employed during the year, which rose from 608,590 in 1912 to 616,927 in 1913, an increase of 8,337, or 1.4 per cent.

The figures for the census year 1909, as given above, and those of 1913 are, of course, not directly comparable for reasons which have been stated in other reports, and which are repeated here in order that the full significance of the returns for 1913 may be appreciated. The Federal Census, taken once in five years, includes within its scope all manufacturing industries having a product value of \$500 and over. Manifestly, there is a large number of establishments of the latter class, for this minimum, leaving out of consideration the cost of materials, would scarcely cover the earnings of one wage-earner for a full

year, and the census reports call attention to the fact that establishments having a product value ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments (23.6 per cent) *represent less than one-half of one per cent* of the aggregate product value for All Industries.<sup>1</sup> For very obvious reasons, therefore, the annual canvass leaves such establishments out of the account, and while apparently limited in scope, it covers a field sufficiently wide to portray the salient facts in manufacturing industries. The chief omissions as compared with the Census, besides the small establishments referred to, are concerns engaged in the printing and publishing of newspapers and periodicals, and the establishments engaged in the manufacture of gas. Making due allowance for these omissions, and assuming that the last named industries have not declined in product value since 1909, which is probable, there might be added some \$35,000,000 to the aggregate for 1913 which would carry the total appreciably forward toward the two-billion-dollar mark.

The figures for 1909 and 1913 are brought together in the following table:

|  | 1909            | 1913            |
|--|-----------------|-----------------|
| <i>Number of Establishments, . . . . .</i>                                   | 11,684          | 8,405           |
| <i>Total Amount of Capital Invested, . . . . .</i>                           | \$1,379,686,558 | \$1,345,461,875 |
| <i>Total Value of Manufactured Product, . . . . .</i>                        | \$1,490,539,386 | \$1,658,728,363 |
| <i>Total Value of Stock and Materials Used, . . . . .</i>                    | \$830,764,943   | \$961,778,476   |
| <i>Total Amount of Wages Paid in Manufacturing Establishments, . . . . .</i> | \$301,178,464   | \$351,299,706   |
| <i>Average Number of Wage-Earners, . . . . .</i>                             | 584,559         | 616,927         |

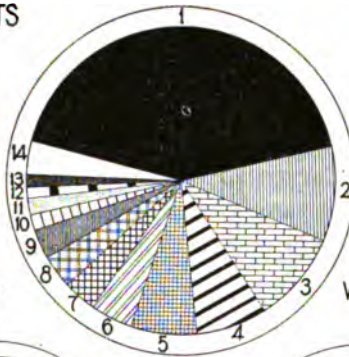
The condition of our manufacturing industries, as a whole, from year to year since the financial depression of 1907 is shown in the next table which brings together the principal figures for the six-year period, the data having been taken on the same basis each year with the exception of those for the census year 1909, the differences concerning which have just been pointed out. The summary is as follows:

<sup>1</sup> 13th Census of the United States, Vol. IX, page 507.

CHART I.

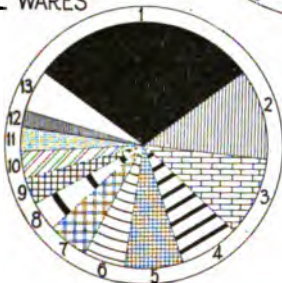
**MASSACHUSETTS LEADERSHIP  
IN BOOTS & SHOES, AND THE TEXTILES  
PROPORTIONATE DISTRIBUTION BY STATES OF  
ANNUAL PRODUCTION OF BOOTS AND SHOES  
COTTON GOODS, AND WOOLEN & WORSTED GOODS**

- 1 MASSACHUSETTS
- 2 NEW YORK
- 3 MISSOURI
- 4 NEW HAMPSHIRE
- 5 OHIO
- 6 PENNSYLVANIA
- 7 ILLINOIS



- 8 MAINE
- 9 WISCONSIN
- 10 NEW JERSEY
- 11 MINNESOTA
- 12 VIRGINIA
- 13 MICHIGAN
- 14 ALL OTHER STATES

**COTTON GOODS,  
INCLUDING COTTON  
SMALL WARES**

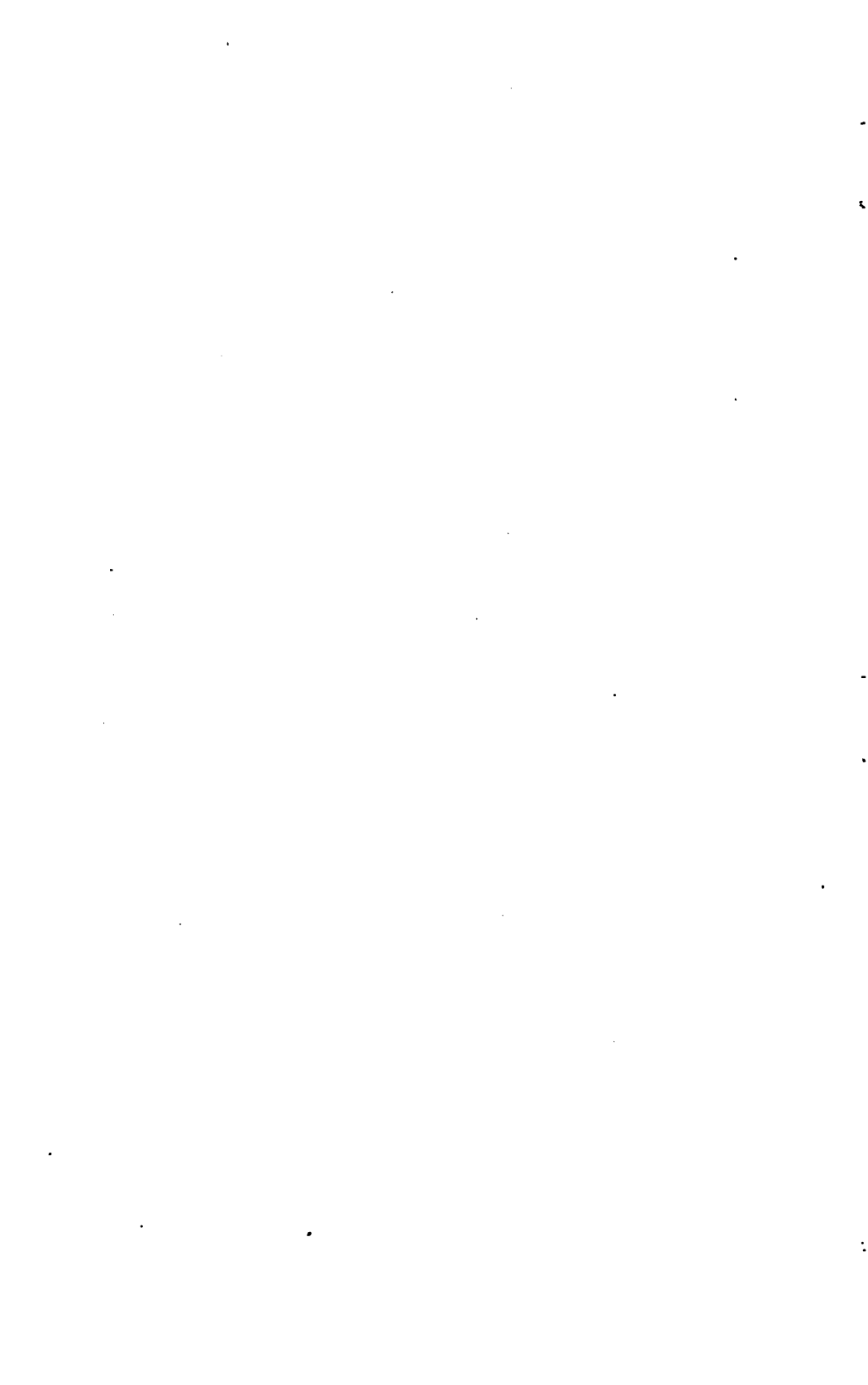


- 1 MASSACHUSETTS
- 2 NORTH CAROLINA
- 3 SOUTH CAROLINA
- 4 RHODE ISLAND
- 5 GEORGIA
- 6 PENNSYLVANIA
- 7 CONNECTICUT
- 8 NEW HAMPSHIRE
- 9 ALABAMA
- 10 MAINE
- 11 NEW YORK
- 12 NEW JERSEY
- 13 ALL OTHER STATES

**WOOLEN & WORSTED  
GOODS, INCLUDING  
FELT GOODS &  
WOOL HATS**



- 1 MASSACHUSETTS
- 2 PENNSYLVANIA
- 3 RHODE ISLAND
- 4 NEW JERSEY
- 5 NEW YORK
- 6 CONNECTICUT
- 7 MAINE
- 8 NEW HAMPSHIRE
- 9 OHIO
- 10 VIRGINIA
- 11 ALL OTHER STATES



**All Industries.**

| YEARS.                        | Number of Establishments | Value of Product | Value of Stock and Materials Used | Wages Paid    | Average Number of Wage-Earners |
|-------------------------------|--------------------------|------------------|-----------------------------------|---------------|--------------------------------|
| 1907, . . . . .               | 5,671                    | \$1,364,431,255  | \$779,840,958                     | \$378,191,113 | 539,963                        |
| 1908, . . . . .               | 6,044                    | 1,172,808,783    | 669,269,739                       | 245,207,180   | 480,134                        |
| 1909 (census year), . . . . . | 11,684                   | 1,490,529,386    | 530,764,943                       | 301,173,464   | 584,559                        |
| 1910, . . . . .               | 7,939                    | 1,465,749,810    | 863,381,866                       | 304,852,601   | 578,551                        |
| 1911, . . . . .               | 8,123                    | 1,467,961,803    | 863,050,379                       | 311,148,856   | 584,033                        |
| 1912, . . . . .               | 8,371                    | 1,596,734,445    | 929,304,882                       | 325,553,704   | 608,590                        |
| 1913, . . . . .               | 8,405                    | 1,658,728,363    | 961,778,476                       | 351,299,706   | 616,927                        |

<sup>1</sup> Not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, and 1913.

Limitations as to the aggregate for All Industries, however, do not obtain when we come to consider the totals for the principal industries of the State, such as those for Boots and Shoes, Cotton Goods, Woolen and Worsted Goods, Leather (Tanned, Curried, and Finished), and Paper and Wood Pulp. For these the annual canvass covers all the establishments, and the figures are directly comparable with census totals. Moreover, in the first three industries mentioned, Massachusetts is the ranking State in the Union. (See Chart I., facing page vi.) The five industries for which comparisons have been brought forward from year to year in these reports are extended for 1913 to include a sixth for which the annual returns cover all the establishments operating, namely,

*Electrical Machinery, Apparatus, and Supplies.*—This industry has in the last half-decade maintained a rapid and steady growth until it has become entitled to consideration as one of the leading industries of the Commonwealth. Since the year 1907, when the product value was approximately twenty-seven millions of dollars, there has been an increase in production of over 100 per cent (103.9), and the number of wage-earners employed has risen from 13,453 in 1907 to 22,437 in 1913, a gain of, approximately, 67 per cent. The total wages paid in the industry for the six-year period exhibit an increase of approximately 98 per cent, and the cost of materials used, 112 per cent. At the Census of 1909, Massachusetts was fourth in rank among the states in the manufacture of electrical



machinery, apparatus, and supplies, and this relative position was doubtless sustained and even improved for 1913. The increase in 1913 over 1912 amounted to 13.5 per cent both in value of product and in the amount paid in wages, approximately 13 per cent in cost of materials, and upwards of 10 per cent in the average number of wage-earners.

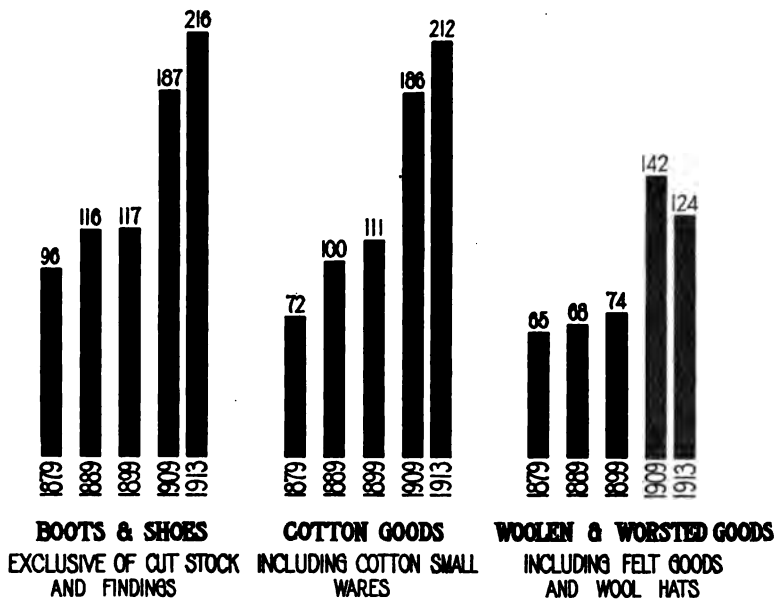
*Boots and Shoes, exclusive of Cut Stock and Findings.* — The value of product in Boots and shoes for 1913, while by no means advancing like that of the newer industry, Electrical Machinery, Apparatus, and Supplies, exhibits an advance from \$209,489,037 in 1912 to \$216,667,911 in 1913, a gain of \$7,178,874, or 3.4 per cent, which may be said to be fairly normal, since over a 34-year period, or practically one generation's growth, the increase in value of product is shown to be 126 per cent, or an average of 3.7 per cent per year. (See Chart II., facing this page.) The cost of materials used in 1913 shows an increase of 4.2 per cent as compared with 1912; the total amount paid in wages increased 2.4 per cent as compared with the preceding year, and for the six-year period, as shown by the data on page xi, exhibited an increase of 20.8 per cent. In 1913, there was a decline of 0.9 per cent in the average number of wage-earners as compared with 1912, but a gain of approximately 12 per cent (11.8) since 1907.

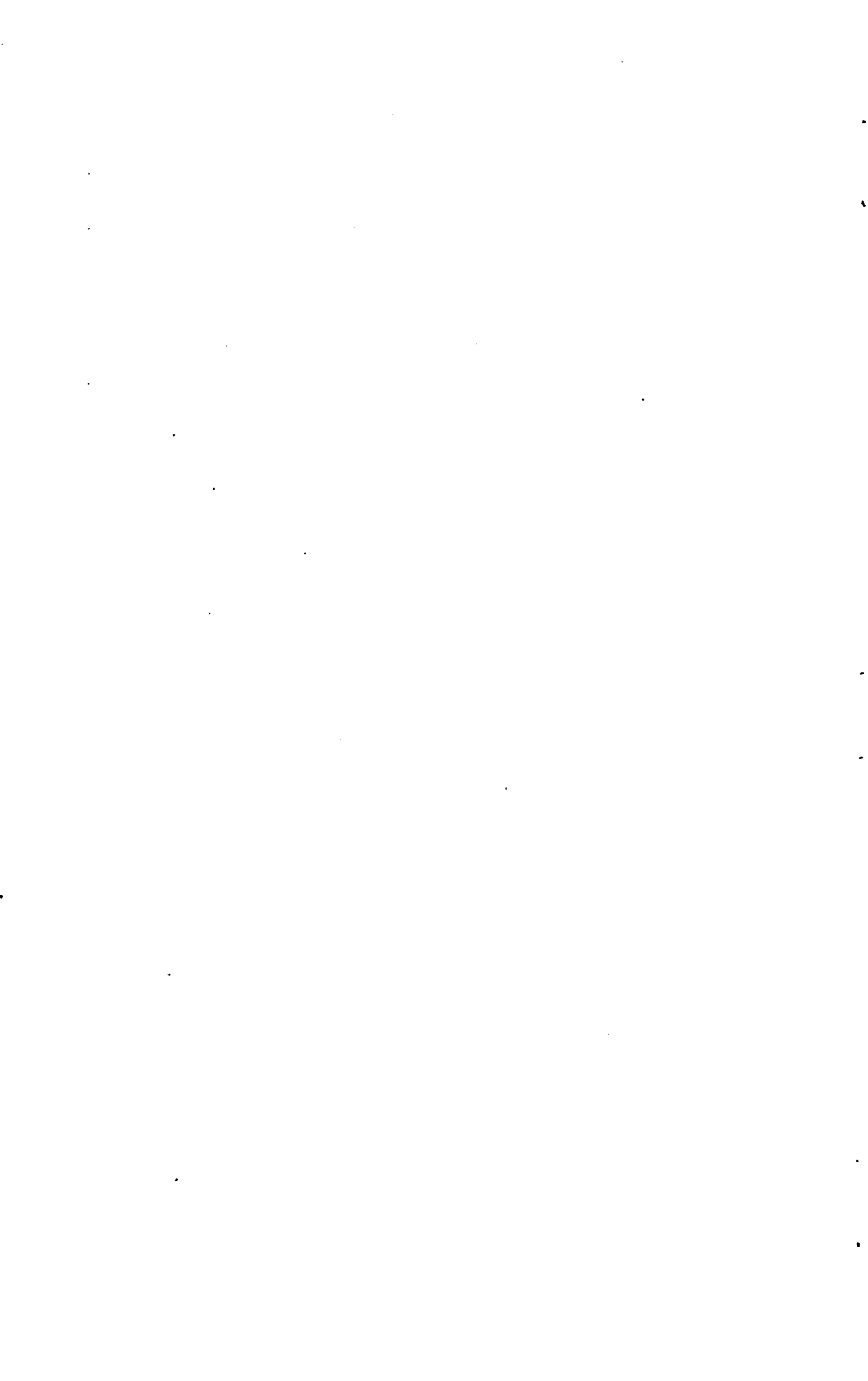
No presentation of the boot and shoe industry would be complete without including the subsidiary industries, Boot and shoe cut stock and findings, which have developed side by side with the manufacture of boots and shoes. The combined product for these branches of the industry, which overlap to a considerable extent, was \$53,009,872 in 1913, and the average number of wage-earners 8,310; while in the manufacture of Boots and shoes proper, the average number of wage-earners was 81,228, and the value of goods produced, \$216,667,911. The total value of output for Boots and shoes plus that of Cut stock and findings in 1913 was, therefore, \$269,677,783.

*Cotton Goods, including Cotton Small Wares.* — This, the most important of the textile industries of Massachusetts, touched the highest mark in its history in 1913. From a glance at the figures on page xii, it is apparent that better conditions prevailed in the industry in 1913 than at any time since 1907, the value of product reaching the high level of \$211,985,220, and the average number of wage-earners, 115,837. For the 34-year period

**CHART II.**

**VALUES OF PRODUCTS  
IN THE LEADING INDUSTRIES  
1879 — 1913**  
Expressed in Millions of Dollars





since 1879 (see Chart II., facing page viii) the increase amounted to \$139,695,702, or 193 per cent, an average of 5.7 per cent per year. With the quite remarkable increase of 12 per cent in the value of product in 1913, there was an increase of 11.8 per cent in the cost of materials as compared with 1912; of 8.6 per cent in the total amount paid in wages, and of three per cent in the average number of wage-earners. A comparison of the year 1913 with that of 1907 exhibits increases of nearly 22 per cent in the cost of materials, 14 per cent in the number of wage-earners, and of 18 per cent in the total amount paid in wages, while the value of goods produced shows a gain of only 11.5 per cent. The general increase in this particular industry for the six-year period, therefore, apparently cannot be said to be due to any exceptional advance in the selling price of goods.

*Leather, Tanned, Curried, and Finished.* — Unlike Cotton goods, the industry Leather, tanned, curried, and finished shows a decline in each of the elements in 1913 as compared with the totals for 1912, the value of goods made falling from \$51,987,780 to \$46,674,470. The general depression in the industry is reflected in a decrease of 10 per cent in value of goods produced, seven per cent in the cost of materials and amount paid in wages, respectively, and nine per cent in the average number of wage-earners. For the six-year period since 1907, with a decline of one-half of one per cent in value of product, there was an increase of somewhat more than one per cent in the cost of materials and number of wage-earners, respectively, and an increase of 16 per cent in the total amount paid in wages. The totals for this industry either for cost of materials or value of product do not include the value of hides and skins treated under contract, that is, — tanned, curried, or finished for other parties who supplied the stock, the chief material (hides and skins) not being purchased by the firm immediately doing the work.

*Paper and Wood Pulp.* — The conditions in this industry in 1913 were apparently normal, the total value of product for that year being \$48,402,886. Increase appears in each of the elements considered as compared with 1912, — 2.5 per cent in value of product, 3.2 per cent in cost of materials, 1.8 per cent in average number of wage-earners, and 5.2 per cent in the total amount paid in wages. Appreciable gains are also shown for the six-year period, — 13.3 per cent in the value of goods, 25.1

per cent in cost of materials, 21.7 per cent in wages paid, and six per cent in number of wage-earners.

*Woolen and Worsted Goods, including Felt Goods and Wool Hats.* — Events in 1913 in the woolen and worsted goods industry were epoch making. In December of that year the removal of the tariff on raw wool and the reconstruction of the entire schedule of duties on manufactures of wool went into effect in the United States. Naturally in the months previous to the final decision, the industry felt the disturbing influence of uncertainty, the usual risks of business could not be safely taken, and the period was generally a most unfavorable one for manufacturing. The value of goods produced fell from \$138,250,253 in 1912 to \$123,678,725 in 1913, a decrease of 10.5 per cent. For the 34-year period (see Chart II., facing page viii) the increase in this industry amounted to \$58,710,516, or 90 per cent, an average of 2.6 per cent per year. The cost of materials used fell from \$86,389,055 in 1912 to \$75,368,429 in 1913, or 12.8 per cent. The average number of wage-earners declined 7.5 per cent between the two years and there was a decrease in the total amount paid in wages of 8.9 per cent.

Another industry assuming a position of importance and exhibiting remarkable gain in 1913 is that of Slaughtering and meat packing, which industry, in Massachusetts, includes pork products chiefly. The total rose from \$46,825,160 in product value in 1912 to \$54,312,644 in 1913, an increase of 16 per cent. Measured solely by product value, this industry outranks Leather, tanned, curried, and finished, and Paper and wood pulp. The value of stock used in the industry, however, is the all important item, and the value added by labor is comparatively small. The average number of wage-earners in 1913 was 3,177, and the amount paid in wages, \$1,831,625.

The following tables summarize the facts for six of the leading industries:

**Boots and Shoes (exclusive of Cut Stock and Findings).****(a) Product.**

| YEAR.                                       | Value         | Increase                  | Per Cent of Increase |
|---|---------------|---------------------------|----------------------|
| 1907, . . . . .                             | \$189,127,176 | -                         | -                    |
| 1908, . . . . .                             | 169,967,116   | <sup>1</sup> \$18,170,060 | <sup>1</sup> 9.7     |
| 1909, . . . . .                             | 187,045,767   | 17,088,661                | 10.1                 |
| 1910, . . . . .                             | 190,866,515   | 3,810,748                 | 2.0                  |
| 1911, . . . . .                             | 196,898,074   | 6,041,559                 | 3.2                  |
| 1912, . . . . .                             | 209,489,067   | 12,590,993                | 6.4                  |
| 1913, . . . . .                             | 216,667,911   | 7,178,874                 | 3.4                  |
| Increase for the six-year period, . . . . . | -             | 28,540,735                | 15.2                 |

**(b) Stock and Materials.**

|   |               |                           |                   |
|---|---------------|---------------------------|-------------------|
| 1907, . . . . .                             | \$118,399,291 | -                         | -                 |
| 1908, . . . . .                             | 104,171,604   | <sup>1</sup> \$14,227,687 | <sup>1</sup> 12.0 |
| 1909, . . . . .                             | 114,277,189   | 10,106,585                | 9.7               |
| 1910, . . . . .                             | 115,624,486   | 1,347,297                 | 1.2               |
| 1911, . . . . .                             | 119,330,298   | 3,706,812                 | 3.2               |
| 1912, . . . . .                             | 126,669,586   | 6,339,287                 | 5.3               |
| 1913, . . . . .                             | 130,961,171   | 5,301,586                 | 4.2               |
| Increase for the six-year period, . . . . . | -             | 12,561,880                | 10.6              |

**(c) Wages Paid.**

|   |              |                          |                  |
|---|--------------|--------------------------|------------------|
| 1907, . . . . .                             | \$42,026,242 | -                        | -                |
| 1908, . . . . .                             | 38,969,428   | <sup>1</sup> \$3,066,814 | <sup>1</sup> 7.3 |
| 1909, . . . . .                             | 41,970,498   | 3,011,070                | 7.7              |
| 1910, . . . . .                             | 45,171,464   | 3,200,966                | 7.6              |
| 1911, . . . . .                             | 47,269,721   | 2,088,267                | 4.6              |
| 1912, . . . . .                             | 49,596,284   | 2,326,563                | 4.9              |
| 1913, . . . . .                             | 50,770,186   | 1,173,901                | 2.4              |
| Increase for the six-year period, . . . . . | -            | 8,744,943                | 20.8             |

**(d) Wage-Earners.**

| YEAR.                                       | Number | Increase           | Per Cent of Increase |
|---|--------|--------------------|----------------------|
| 1907, . . . . .                             | 72,671 | -                  | -                    |
| 1908, . . . . .                             | 69,280 | <sup>1</sup> 3,421 | <sup>1</sup> 4.7     |
| 1909, . . . . .                             | 74,710 | 5,430              | 7.9                  |
| 1910, . . . . .                             | 77,000 | 2,290              | 3.1                  |
| 1911, . . . . .                             | 79,542 | 2,542              | 3.3                  |
| 1912, . . . . .                             | 81,962 | 2,420              | 3.0                  |
| 1913, . . . . .                             | 81,228 | <sup>1</sup> 734   | <sup>1</sup> 0.9     |
| Increase for the six-year period, . . . . . | -      | 8,587              | 11.8                 |

<sup>1</sup> Decrease.

**Cotton Goods (including Cotton Small Wares).****(a) Product.**

| YEAR.                             | Value         | Increase                  | Per Cent of Increase |
|-----------------------------------|---------------|---------------------------|----------------------|
| 1907, . . . . .                   | \$190,148,422 | -                         | -                    |
| 1908, . . . . .                   | 156,048,533   | <sup>1</sup> \$34,099,889 | <sup>1</sup> 17.9    |
| 1909, . . . . .                   | 186,462,313   | 30,413,780                | 19.5                 |
| 1910, . . . . .                   | 192,777,722   | 6,315,409                 | 3.4                  |
| 1911, . . . . .                   | 183,121,235   | <sup>1</sup> 9,656,487    | <sup>1</sup> 5.0     |
| 1912, . . . . .                   | 189,010,823   | 5,889,588                 | 3.2                  |
| 1913, . . . . .                   | 211,985,220   | 22,974,397                | 12.2                 |
| Increase for the six-year period, | -             | 21,826,798                | 11.5                 |

**(b) Stock and Materials.**

| YEAR.                             | Value         | Increase                  | Per Cent of Increase |
|-----------------------------------|---------------|---------------------------|----------------------|
| 1907, . . . . .                   | \$105,499,029 | -                         | -                    |
| 1908, . . . . .                   | 92,961,308    | <sup>1</sup> \$12,547,721 | <sup>1</sup> 11.9    |
| 1909, . . . . .                   | 105,156,784   | 12,205,486                | 13.1                 |
| 1910, . . . . .                   | 121,880,780   | 16,723,996                | 15.9                 |
| 1911, . . . . .                   | 119,879,589   | <sup>1</sup> 2,001,191    | <sup>1</sup> 1.6     |
| 1912, . . . . .                   | 115,079,451   | <sup>1</sup> 4,800,138    | <sup>1</sup> 4.0     |
| 1913, . . . . .                   | 128,604,514   | 13,525,063                | 11.8                 |
| Increase for the six-year period, | -             | 23,105,485                | 21.9                 |

**(c) Wages Paid.**

| YEAR.                             | Value        | Increase                 | Per Cent of Increase |
|-----------------------------------|--------------|--------------------------|----------------------|
| 1907, . . . . .                   | \$45,063,459 | -                        | -                    |
| 1908, . . . . .                   | 40,228,087   | <sup>1</sup> \$4,835,422 | <sup>1</sup> 10.7    |
| 1909, . . . . .                   | 45,117,069   | 4,889,032                | 12.2                 |
| 1910, . . . . .                   | 44,857,100   | <sup>1</sup> 259,969     | <sup>1</sup> 0.6     |
| 1911, . . . . .                   | 44,744,628   | <sup>1</sup> 112,472     | <sup>1</sup> 0.3     |
| 1912, . . . . .                   | 48,943,728   | 4,199,100                | 9.4                  |
| 1913, . . . . .                   | 53,156,512   | 4,212,784                | 8.6                  |
| Increase for the six-year period, | -            | 8,063,053                | 18.0                 |

**(d) Wage-Earners.**

| YEAR.                             | Number  | Increase            | Per Cent of Increase |
|-----------------------------------|---------|---------------------|----------------------|
| 1907, . . . . .                   | 101,862 | -                   | -                    |
| 1908, . . . . .                   | 91,645  | <sup>1</sup> 10,217 | <sup>1</sup> 10.0    |
| 1909, . . . . .                   | 108,914 | 17,269              | 18.8                 |
| 1910, . . . . .                   | 108,804 | <sup>1</sup> 110    | <sup>1</sup> 0.1     |
| 1911, . . . . .                   | 109,683 | 879                 | 0.8                  |
| 1912, . . . . .                   | 112,384 | 2,701               | 2.5                  |
| 1913, . . . . .                   | 115,837 | 3,453               | 3.1                  |
| Increase for the six-year period, | -       | 13,975              | 13.7                 |

<sup>1</sup> Decrease.

**Electrical Machinery, Apparatus, and Supplies.****(a) Product.**

| YEAR.                                       | Value        | Increase                 | Per Cent of Increase |
|---|--------------|--------------------------|----------------------|
| 1907, . . . . .                             | \$26,692,284 | -                        | -                    |
| 1908, . . . . .                             | 18,065,968   | <sup>1</sup> \$8,626,316 | <sup>1</sup> 32.3    |
| 1909, . . . . .                             | 28,142,889   | 10,076,921               | 55.8                 |
| 1910, . . . . .                             | 32,036,393   | 3,893,504                | 13.8                 |
| 1911, . . . . .                             | 36,419,395   | 4,383,002                | 13.7                 |
| 1912, . . . . .                             | 47,964,936   | 11,545,541               | 31.7                 |
| 1913, . . . . .                             | 54,433,691   | 6,468,755                | 13.5                 |
| Increase for the six-year period, . . . . . | -            | 27,741,407               | 103.9                |

**(b) Stock and Materials.**

| YEAR.                                       | Value        | Increase                 | Per Cent of Increase |
|---|--------------|--------------------------|----------------------|
| 1907, . . . . .                             | \$11,830,975 | -                        | -                    |
| 1908, . . . . .                             | 8,560,255    | <sup>1</sup> \$3,261,720 | <sup>1</sup> 27.6    |
| 1909, . . . . .                             | 12,734,320   | 4,165,565                | 48.6                 |
| 1910, . . . . .                             | 16,352,531   | 3,617,711                | 28.4                 |
| 1911, . . . . .                             | 14,903,562   | <sup>1</sup> 1,448,969   | <sup>1</sup> 8.9     |
| 1912, . . . . .                             | 22,314,895   | 7,411,333                | 49.7                 |
| 1913, . . . . .                             | 25,133,493   | 2,818,598                | 12.6                 |
| Increase for the six-year period, . . . . . | -            | 13,302,518               | 112.4                |

**(c) Wages Paid.**

| YEAR.                                       | Value       | Increase                 | Per Cent of Increase |
|---|-------------|--------------------------|----------------------|
| 1907, . . . . .                             | \$7,260,068 | -                        | -                    |
| 1908, . . . . .                             | 5,884,393   | <sup>1</sup> \$1,375,675 | <sup>1</sup> 18.9    |
| 1909, . . . . .                             | 8,209,174   | 2,324,781                | 39.5                 |
| 1910, . . . . .                             | 10,421,310  | 2,212,136                | 26.9                 |
| 1911, . . . . .                             | 10,818,142  | 396,832                  | 3.8                  |
| 1912, . . . . .                             | 12,645,325  | 1,827,683                | 16.9                 |
| 1913, . . . . .                             | 14,352,753  | 1,706,933                | 13.5                 |
| Increase for the six-year period, . . . . . | -           | 7,092,690                | 97.7                 |

**(d) Wage-Earners.**

| YEAR.                                       | Number | Increase           | Per Cent of Increase |
|---|--------|--------------------|----------------------|
| 1907, . . . . .                             | 13,453 | -                  | -                    |
| 1908, . . . . .                             | 10,538 | <sup>1</sup> 2,915 | <sup>1</sup> 21.7    |
| 1909, . . . . .                             | 14,507 | 3,969              | 37.7                 |
| 1910, . . . . .                             | 17,363 | 2,856              | 19.7                 |
| 1911, . . . . .                             | 17,879 | 516                | 3.0                  |
| 1912, . . . . .                             | 20,317 | 2,438              | 13.6                 |
| 1913, . . . . .                             | 22,437 | 2,120              | 10.4                 |
| Increase for the six-year period, . . . . . | -      | 8,984              | 66.8                 |

<sup>1</sup> Decrease.



## Leather, Tanned, Curried, and Finished.

(a) *Product.*

| YEAR.                             | Value        | Increase                 | Per Cent of Increase |
|-----------------------------------|--------------|--------------------------|----------------------|
| 1907, . . . . .                   | \$46,903,784 | -                        | -                    |
| 1908, . . . . .                   | 41,613,182   | <sup>1</sup> \$5,290,602 | <sup>1</sup> 11.3    |
| 1909, . . . . .                   | 40,002,079   | <sup>1</sup> 1,611,103   | <sup>1</sup> 3.9     |
| 1910, . . . . .                   | 41,544,425   | 1,542,346                | 3.9                  |
| 1911, . . . . .                   | 41,701,686   | 157,261                  | 0.4                  |
| 1912, . . . . .                   | 51,987,780   | 10,286,094               | 24.7                 |
| 1913, . . . . .                   | 46,674,470   | <sup>1</sup> 5,313,310   | <sup>1</sup> 10.2    |
| Increase for the six-year period, | -            | <sup>1</sup> 229,314     | <sup>1</sup> 0.5     |

(b) *Stock and Materials.*

| YEAR.                             | Value        | Increase                 | Per Cent of Increase |
|-----------------------------------|--------------|--------------------------|----------------------|
| 1907, . . . . .                   | \$34,364,843 | -                        | -                    |
| 1908, . . . . .                   | 29,850,511   | <sup>1</sup> \$4,514,332 | <sup>1</sup> 13.1    |
| 1909, . . . . .                   | 28,765,508   | <sup>1</sup> 1,085,003   | <sup>1</sup> 3.6     |
| 1910, . . . . .                   | 30,346,759   | 1,581,251                | 5.5                  |
| 1911, . . . . .                   | 30,160,956   | <sup>1</sup> 185,803     | <sup>1</sup> 0.6     |
| 1912, . . . . .                   | 37,353,493   | 7,192,537                | 23.8                 |
| 1913, . . . . .                   | 34,744,413   | <sup>1</sup> 2,609,080   | <sup>1</sup> 7.0     |
| Increase for the six-year period, | -            | 379,570                  | 1.1                  |

(c) *Wages Paid.*

| YEAR.                             | Value       | Increase               | Per Cent of Increase |
|-----------------------------------|-------------|------------------------|----------------------|
| 1907, . . . . .                   | \$5,234,362 | -                      | -                    |
| 1908, . . . . .                   | 4,959,120   | <sup>1</sup> \$325,242 | <sup>1</sup> 6.2     |
| 1909, . . . . .                   | 5,443,944   | 484,824                | 9.8                  |
| 1910, . . . . .                   | 5,808,631   | 364,687                | 6.7                  |
| 1911, . . . . .                   | 5,604,360   | <sup>1</sup> 204,271   | <sup>1</sup> 3.5     |
| 1912, . . . . .                   | 6,625,375   | 1,021,015              | 15.2                 |
| 1913, . . . . .                   | 6,138,384   | <sup>1</sup> 486,991   | <sup>1</sup> 7.4     |
| Increase for the six-year period, | -           | 854,022                | 16.2                 |

(d) *Wage-Earners.*

| YEAR.                             | Number | Increase           | Per Cent of Increase |
|-----------------------------------|--------|--------------------|----------------------|
| 1907, . . . . .                   | 10,156 | -                  | -                    |
| 1908, . . . . .                   | 9,227  | <sup>1</sup> 929   | <sup>1</sup> 9.1     |
| 1909, . . . . .                   | 10,252 | 1,025              | 11.1                 |
| 1910, . . . . .                   | 10,691 | 439                | 4.3                  |
| 1911, . . . . .                   | 9,903  | <sup>1</sup> 788   | <sup>1</sup> 7.4     |
| 1912, . . . . .                   | 11,372 | 1,469              | 14.8                 |
| 1913, . . . . .                   | 10,321 | <sup>1</sup> 1,051 | <sup>1</sup> 9.2     |
| Increase for the six-year period, | -      | 165                | 1.6                  |

<sup>1</sup> Decrease.

## Paper and Wood Pulp.

(a) *Product.*

| YEAR.                                       | Value        | Increase                  | Per Cent of Increase |
|---|--------------|---------------------------|----------------------|
| 1907, . . . . .                             | \$42,707,080 | -                         | -                    |
| 1908, . . . . .                             | 32,087,321   | <sup>1</sup> \$10,620,359 | <sup>1</sup> 24.9    |
| 1909, . . . . .                             | 40,096,718   | 8,009,392                 | 25.0                 |
| 1910, . . . . .                             | 48,020,325   | 2,923,612                 | 7.3                  |
| 1911, . . . . .                             | 44,951,237   | 1,930,912                 | 4.5                  |
| 1912, . . . . .                             | 47,328,049   | 2,376,812                 | 5.1                  |
| 1913, . . . . .                             | 48,402,886   | 1,174,837                 | 2.5                  |
| Increase for the six-year period, . . . . . | -            | 5,995,206                 | 13.3                 |

(b) *Stock and Materials.*

|   |              |                          |                   |
|---|--------------|--------------------------|-------------------|
| 1907, . . . . .                             | \$23,927,908 | -                        | -                 |
| 1908, . . . . .                             | 18,093,119   | <sup>1</sup> \$5,834,789 | <sup>1</sup> 24.4 |
| 1909, . . . . .                             | 22,349,613   | 4,256,494                | 23.5              |
| 1910, . . . . .                             | 25,869,769   | 3,520,156                | 15.8              |
| 1911, . . . . .                             | 27,258,974   | 1,389,206                | 5.4               |
| 1912, . . . . .                             | 29,000,736   | 1,741,762                | 6.4               |
| 1913, . . . . .                             | 29,931,380   | 930,644                  | 3.2               |
| Increase for the six-year period, . . . . . | -            | 6,003,472                | 25.1              |

(c) *Wages Paid.*

|   |             |                          |                   |
|---|-------------|--------------------------|-------------------|
| 1907, . . . . .                             | \$6,735,401 | -                        | -                 |
| 1908, . . . . .                             | 5,569,968   | <sup>1</sup> \$1,165,433 | <sup>1</sup> 17.3 |
| 1909, . . . . .                             | 6,541,636   | 971,668                  | 17.4              |
| 1910, . . . . .                             | 6,871,253   | 329,617                  | 5.0               |
| 1911, . . . . .                             | 7,169,660   | 298,407                  | 4.3               |
| 1912, . . . . .                             | 7,791,973   | 622,313                  | 8.7               |
| 1913, . . . . .                             | 8,197,440   | 405,467                  | 5.2               |
| Increase for the six-year period, . . . . . | -           | 1,462,039                | 21.7              |

(d) *Wage-Earners.*

| YEAR.                                       | Number | Increase           | Per Cent of Increase |
|---|--------|--------------------|----------------------|
| 1907, . . . . .                             | 13,546 | -                  | -                    |
| 1908, . . . . .                             | 11,390 | <sup>1</sup> 2,156 | <sup>1</sup> 15.9    |
| 1909, . . . . .                             | 12,848 | 1,458              | 12.8                 |
| 1910, . . . . .                             | 13,382 | 534                | 4.2                  |
| 1911, . . . . .                             | 13,311 | 420                | 3.2                  |
| 1912, . . . . .                             | 14,096 | 285                | 2.1                  |
| 1913, . . . . .                             | 14,352 | 256                | 1.8                  |
| Increase for the six-year period, . . . . . | -      | 806                | 6.0                  |

<sup>1</sup> Decrease.

# Woolen and Worsted Goods (including Felt goods and Wool hats).

## (a) *Product.*

| YEAR.                                       | Value         | Increase                  | Per Cent of Increase |
|---|---------------|---------------------------|----------------------|
| 1907. . . . .                               | \$131,731,290 | -                         | -                    |
| 1908. . . . .                               | 105,207,889   | <sup>1</sup> \$26,523,401 | <sup>1</sup> 20.1    |
| 1909. . . . .                               | 141,966,882   | 36,758,993                | 34.9                 |
| 1910. . . . .                               | 124,732,488   | <sup>1</sup> 17,234,394   | <sup>1</sup> 12.1    |
| 1911. . . . .                               | 117,766,316   | <sup>1</sup> 6,966,172    | <sup>1</sup> 5.6     |
| 1912. . . . .                               | 138,260,263   | 20,493,947                | 17.3                 |
| 1913. . . . .                               | 123,678,725   | <sup>1</sup> 14,571,538   | <sup>1</sup> 10.5    |
| Increase for the six-year period, . . . . . | -             | <sup>1</sup> 8,062,565    | <sup>1</sup> 6.1     |

## (b) *Stock and Materials.*

|   |              |                           |                   |
|---|--------------|---------------------------|-------------------|
| 1907. . . . .                               | \$31,480,075 | -                         | -                 |
| 1908. . . . .                               | 64,097,028   | <sup>1</sup> \$17,353,047 | <sup>1</sup> 21.3 |
| 1909. . . . .                               | 87,976,331   | 23,879,303                | 27.3              |
| 1910. . . . .                               | 77,264,829   | <sup>1</sup> 10,711,502   | <sup>1</sup> 12.2 |
| 1911. . . . .                               | 75,583,192   | <sup>1</sup> 1,731,637    | <sup>1</sup> 2.2  |
| 1912. . . . .                               | 86,389,055   | 10,805,863                | 14.4              |
| 1913. . . . .                               | 75,368,429   | <sup>1</sup> 11,020,626   | <sup>1</sup> 12.8 |
| Increase for the six-year period, . . . . . | -            | <sup>1</sup> 6,061,646    | <sup>1</sup> 7.5  |

## (c) *Wages Paid.*

|   |              |                          |                   |
|---|--------------|--------------------------|-------------------|
| 1907. . . . .                               | \$23,043,548 | -                        | -                 |
| 1908. . . . .                               | 19,226,058   | <sup>1</sup> \$3,817,490 | <sup>1</sup> 16.6 |
| 1909. . . . .                               | 24,592,763   | 5,366,705                | 27.9              |
| 1910. . . . .                               | 22,683,873   | <sup>1</sup> 1,908,890   | <sup>1</sup> 7.8  |
| 1911. . . . .                               | 23,123,850   | 439,977                  | 1.9               |
| 1912. . . . .                               | 27,065,903   | 3,942,053                | 17.0              |
| 1913. . . . .                               | 24,650,900   | <sup>1</sup> 2,415,003   | <sup>1</sup> 8.9  |
| Increase for the six-year period, . . . . . | -            | 1,607,352                | 7.0               |

## (d) *Wage-Earners.*

| YEAR.                                       | Number | Increase           | Per Cent of Increase. |
|---|--------|--------------------|-----------------------|
| 1907. . . . .                               | 50,392 | -                  | -                     |
| 1908. . . . .                               | 42,898 | <sup>1</sup> 7,494 | <sup>1</sup> 14.9     |
| 1909. . . . .                               | 53,873 | 10,975             | 25.6                  |
| 1910. . . . .                               | 50,071 | <sup>1</sup> 3,802 | <sup>1</sup> 7.1      |
| 1911. . . . .                               | 49,986 | <sup>1</sup> 85    | <sup>1</sup> 0.2      |
| 1912. . . . .                               | 55,089 | 5,103              | 10.2                  |
| 1913. . . . .                               | 50,970 | <sup>1</sup> 4,119 | <sup>1</sup> 7.5      |
| Increase for the six-year period, . . . . . | -      | 578                | 1.1                   |

<sup>1</sup> Decrease.

## THE CITIES.

The total value of goods produced in the 33 cities of the Commonwealth for 1913 amounted to \$1,216,709,343, an increase over the total for 1912 of 4.6 per cent.

The city of Boston exhibits the greatest amount of gain, the value of product rising from \$241,229,318 in 1912 to \$252,222,872 in 1913. Her importance as an industrial center is apparently not so much due to the expansion of any particular industry as to the broad range of her activities, and to her facilities as a distributing center. Prominent among her manufacturing industries, however, are *Boots and shoes*, including Cut stock and findings, whose combined product in 1913 was a little over \$30,000,000; the *clothing* industries, with output of \$25,000,000, and *Confectionery*, third in the list, with a product value of upwards of \$15,000,000. The output of her foundries and machine shops amounted in round numbers to \$13,000,000, in *Malt liquors*, to approximately \$9,000,000, in manufactures of *Tobacco* to \$7,000,000, and in *Electrical machinery, apparatus*, and *supplies*, which industry has recently assumed a position of importance, to \$6,828,965. The total of two hundred and fifty-two millions does not, however, wholly represent the manufactures of Boston from a complete census standpoint, for this city is also the chief center of the printing and publishing industry in the State, especially of the publication of newspapers and periodicals and of small establishments engaged in job printing which, as has been stated, are not included in the annual canvass. The inclusion of this industry in its entirety would add in round numbers probably not less than \$25,000,000 to the aggregate for Boston, making a total for 1913, had a full census been taken, of more than \$275,000,000.

*Worcester* is the second city in industrial importance. Her product value amounted to \$89,707,793, and the gain over 1912 was 3.9 per cent, or upwards of three millions of dollars.

The boot and shoe cities in order of the product value in that industry in 1913 were *Brockton, Lynn*, and *Haverhill*, Lynn and Brockton having exchanged places since 1912. The value of shoes manufactured in Lynn in that year amounted to \$35,511,992, and her rank was first in the United States, measured by product value

Owing, however, to the removal of several shoe factories from the city during the year, or just previous to 1913, the value of goods produced in that year declined to \$33,077,637, a decrease of \$2,434,355, or approximately eight per cent. Notwithstanding the loss in Boots and shoes, however, Lynn retains its position as third city in industrial importance in the State, owing principally to the expansion of the industry Electrical machinery, apparatus, and supplies.

The value of shoes manufactured in *Brockton* increased from \$34,244,367 in 1912 to \$37,601,925 in 1913, a gain of about ten per cent. The total for *Haverhill* advanced from \$26,183,090 to \$27,508,440, an increase of approximately five per cent. Both the latter cities also show an increase for All Industries as compared with 1912 of nine and three per cent, respectively, their rank in industrial importance being respectively eighth and twelfth.

The textile cities, especially those engaged in manufactures of cotton, — namely, — *New Bedford*, *Fall River*, and *Lowell*, all show material increase over 1912. The cotton industry, as has been stated, exhibited better conditions throughout the State, New Bedford's product showing the important gain of \$8,519,004 as compared with 1912, the value of her cotton manufactures rising from \$46,869,676 to \$55,388,680. The gain in this industry in Fall River was more than seven per cent, and the increase in Lowell was approximately 17 per cent. New Bedford, fifth in rank among the cities of the State, shows the second largest increase in product value in 1913, slightly more than nine and one-half million dollars. The city of Fall River ranked sixth and Lowell ranked seventh in order in 1913.

*Lawrence*, another prominent textile center, engaged chiefly in manufactures of worsted goods, shows a decrease as compared with 1912. This decrease, though not so great as might have been expected, was due in large part to the general depression in the woolen and worsted goods industry and, to a lesser extent, to the prolonged strike in the early months of 1913. Lawrence did not, however, lose its relative position among the cities of the State, ranking fourth in 1912 and 1913.

The city of *Somerville* owes its industrial importance to the development of Slaughtering and meat packing, which

exhibits the material gain in 1913 of 11.4 per cent, the product value rising from \$45,000,000 to upwards of \$50,000,000. The pork-packing industry is becoming increasingly important, and, measured by value of product, now ranks as one of the principal industries of the State.

*Chicopee*, fourteenth in rank among the cities of the State, was third as regards increase in product value over 1912, showing a total of \$31,126,691 as against \$24,076,032 in 1912, the amount of increase being \$7,050,659, and the percentage of gain 29.3. The principal industries of *Chicopee*, besides Slaughtering and meat packing, are manufactures of rubber goods, cotton goods, automobiles, and firearms, but the figures for these industries, separately, cannot be presented on account of the limited number of establishments of each kind.

The city of *Pittsfield* also shows remarkable gain, the expansion in her electrical industry being the most important item. The total value of manufactures for the city for 1913 was \$23,919,923, a gain of 16.2 per cent as compared with 1912.

The city of *Springfield*, thirteenth in rank, shows appreciable gain over 1912, due apparently to no particular industry, but to a general expansion in many lines. The increase of 6.9 per cent shown, moreover, does not entirely measure the value of products for the city, for these totals do not include the work done at the Springfield armory operated by the United States government, to include which would add probably not less than one million dollars to the product value.

Other cities showing gains over 1912 are *Waltham*, 18.5 per cent; *Marlborough*, 14.8 per cent, and *Everett*, 13.5 per cent.

The important cities showing decrease, besides *Lynn* already mentioned, are *Salem*, whose product value declined from \$19,037,759 to \$17,344,566, or 8.9 per cent; *Cambridge*, 2.4 per cent; *Quincy*, 10.3 per cent; and *Newton*, 10.6 per cent.

Eleven cities showed a decline and twenty-two a gain over 1912. The figures for both years are brought together in the following table:

| CITIES.        | 1912                   | 1913                   | Percentage of Increase |
|----------------|------------------------|------------------------|------------------------|
| <b>Totals,</b> | <b>\$1,163,466,636</b> | <b>\$1,216,769,343</b> | <b>4.6</b>             |
| Boston,        | 241,229,318            | 252,222,872            | 4.6                    |
| Worcester,     | 86,318,715             | 89,707,798             | 3.9                    |
| Lynn,          | 80,544,498             | 78,947,766             | <sup>1</sup> 2.0       |
| Lawrence,      | 70,315,376             | 70,205,214             | <sup>1</sup> 0.2       |
| New Bedford,   | 69,823,994             | 69,466,482             | 16.1                   |
| Fall River,    | 62,440,525             | 65,221,733             | 4.5                    |
| Lowell,        | 56,690,584             | 59,232,088             | 4.6                    |
| Brockton,      | 48,896,581             | 53,480,638             | 9.4                    |
| Cambridge,     | 53,154,607             | 51,863,096             | <sup>1</sup> 2.4       |
| Somerville,    | 45,125,009             | 50,279,057             | 11.4                   |
| Holyoke,       | 45,562,190             | 45,904,797             | 0.7                    |
| Haverhill,     | 42,413,255             | 43,671,548             | <sup>1</sup> 3.0       |
| Springfield,   | 40,699,921             | 43,509,139             | 6.9                    |
| Chicopee,      | 24,076,032             | 31,126,691             | 29.3                   |
| Fitchburg,     | 24,837,689             | 24,831,246             | <sup>2</sup> 0.0       |
| Pittsfield,    | 20,580,024             | 23,919,923             | 16.2                   |
| Salem,         | 19,037,759             | 17,344,566             | <sup>1</sup> 8.9       |
| Taunton,       | 15,767,316             | 16,282,425             | 3.3                    |
| Chelsea,       | 16,474,423             | 16,167,466             | <sup>1</sup> 1.9       |
| Quincy,        | 14,400,062             | 12,922,061             | <sup>1</sup> 10.3      |
| Everett,       | 10,223,567             | 11,603,469             | 13.5                   |
| Waltham,       | 9,760,798              | 11,571,080             | 18.5                   |
| North Adams,   | 10,744,577             | 10,324,309             | <sup>1</sup> 3.9       |
| Marlborough,   | 8,268,371              | 9,481,706              | 14.8                   |
| Northampton,   | 8,333,736              | 8,664,096              | 4.0                    |
| Newburyport,   | 8,039,735              | 8,597,144              | 6.9                    |
| Gloucester,    | 7,578,694              | 8,211,735              | 8.4                    |
| Malden,        | 8,053,194              | 7,866,779              | <sup>1</sup> 2.3       |
| Beverly,       | 6,963,083              | 7,536,281              | 8.2                    |
| Woburn,        | 5,975,787              | 6,025,416              | 0.8                    |
| Newton,        | 5,924,559              | 5,295,231              | <sup>1</sup> 10.6      |
| Medford,       | 2,476,214              | 2,633,117              | 6.3                    |
| Melrose,       | 2,716,488              | 2,502,289              | <sup>1</sup> 7.9       |

<sup>1</sup> Decrease.<sup>2</sup> Less than one-tenth of one per cent.

## METROPOLITAN BOSTON.

The total value of goods produced in the 39 cities and towns comprising Metropolitan Boston increased from \$545,310,724 in 1912 to \$560,390,104 in 1913, an advance of \$15,079,380, or approximately three per cent. Within this area are located 3,584 manufacturing establishments, giving employment to an average of 172,594, or about 28 per cent of the wage-earners engaged in manufacturing industries, and turning out a product in 1913 of \$560,390,104, or more than one-third of the State total. Of this large amount, the factories of Boston proper contributed approximately 45 per cent, or upwards of a quarter of a billion dollars in product value, and employed an average of 75,194 wage-earners.

There is great diversification of industry in the district, but the principal manufactures are *Boots and shoes*, including Cut stock and findings, whose combined product now amounts annually to nearly \$100,000,000 (\$95,897,281 in 1913); *Slaughtering and meat packing*, \$45,610,052; *Electrical machinery, apparatus, and supplies*, \$34,328,911; *Clothing*, \$27,126,150; *Foundry and machine-shop products*, \$20,408,710; *Boots and shoes, rubber*, \$19,943,181; *Confectionery*, \$17,991,321; and *Leather, tanned, curried, and finished*, \$12,116,985.

Other important manufacturing cities included in the area are those of Lynn, Cambridge, and Somerville, each of which contributed more than \$50,000,000 in products for 1913. The towns of the district, with the exception of Watertown and Weymouth, are not noted for extensive manufactures.

A comparison of the principal data for the years 1910, 1911, 1912, and 1913 is given in the following table:

|  | 1913          | 1912          | 1911          | 1910          |
|--|---------------|---------------|---------------|---------------|
| <i>Number of Establishments,</i> . . .                                   | 3,584         | 3,507         | 3,375         | 3,238         |
| <i>Total Amount of Capital Invested,</i> . .                             | \$362,458,828 | \$354,153,062 | \$338,389,774 | \$326,720,444 |
| <i>Total Value of Manufactured Product,</i> .                            | \$560,390,104 | \$545,310,724 | \$502,527,771 | \$488,497,178 |
| <i>Total Value of Stock Used,</i> . . .                                  | \$326,070,384 | \$320,468,150 | \$294,046,863 | \$292,089,565 |
| <i>Total Amount of Wages Paid in Manufacturing Establishments,</i> . . . | \$107,031,822 | \$102,820,146 | \$95,871,777  | \$92,458,169  |
| <i>Average Number of Wage-Earners,</i> . .                               | 172,594       | 171,272       | 163,488       | 160,797       |



## THE TOWNS.

Some of the towns of the State show important gains in 1913 as compared with 1912. *Plymouth*, long associated with the manufacture of cordage and twine, increased in product value from \$12,319,835 to \$14,374,254, a gain of more than \$2,000,000, or 17 per cent. *Bridgewater*, whose chief industry is the manufacture of boots and shoes, shows the second largest amount of increase, the product value rising from \$5,506,287 to \$7,144,802, a gain of \$1,638,515, or 30 per cent. *Watertown*, prominent among whose industries are the manufactures of rubber goods and worsted goods, increased her total by nearly \$1,000,000, the aggregate for the year being, in round numbers, \$15,000,000 exclusive of the product of the United States Arsenal located in that town and operated by the Federal government for the manufacture of gun carriages, giving employment to some 500 additional wage-earners. *Westfield*, the ranking town in the United States in the manufacture of whips, also exhibits an increase of upwards of a million dollars, or 13.7 per cent, and a similar gain in product value is shown for the town of *West Springfield*.

The towns in the district noted for the manufacture of jewelry, *Attleborough*, *North Attleborough*, *Plainville*, and *Norton*, each exhibits increase in product value as compared with 1912, although none of the gains are at all important. Other busy and progressive centers of industry showing marked gains are the towns of *Hudson*, *Natick*, *Framingham*, *Wakefield*, *Gardner*, *Norwood*, *Walpole*, *Palmer*, *Leominster*, *Southbridge*, and *Reading*.

On the other hand, *Peabody*, the most important center for the leather industry in the State exhibits a loss, her product value falling from \$19,465,879 in 1912 to \$18,252,564 in 1913. *Amesbury*, losing ground since the general decline of the carriage industry, shows a decrease of \$624,024 as compared with 1912, and the town of *North Andover*, whose chief industry is woollen and worsted goods, declined in product value to the extent of \$544,981, or 16.5 per cent as compared with 1912.

The total value of product for the towns as a whole rose from \$433,267,819 in 1912 to \$442,019,020 in 1913, an increase of a little over two per cent.

## CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 48 to 51, presents the principal data, by character of ownership, for nineteen selected industries of the State. Of the 8,405 establishments reporting in 1913, 3,528 were operated under individual ownership, 1,579 under the management of private firms, 3,274 by corporations, and 24 by co-operative societies, voluntary associations, or other miscellaneous form of management. Of the total output of the manufacturing establishments of the State (\$1,658,728,363), seven per cent was produced in establishments operated by individuals, 9.9 per cent by private firms, 81.8 per cent by corporations, and 1.3 per cent by voluntary associations, etc. These figures illustrate clearly the prevailing and increasing tendency to concentrate capital in the hands of incorporated companies in order to secure the advantage which comes from production on a large scale.

The fifth column of the table represents the difference between the gross product of the year (\$1,658,728,363), and the cost of materials used in manufacture, \$961,778,476, the resultant amount, \$696,949,887, representing the creation of a new stock of wealth brought into existence through the various processes of manufacturing, the "added value" thus secured forming 42 per cent of the total volume of goods produced.

In *Boots and shoes*, out of the total \$216,667,911, the corporations controlled 42 per cent of the establishments, produced 72.7 per cent of the goods made, and employed 72.2 per cent of the total number of wage-earners in the industry; the establishments operated under private firm and individual ownership having respectively 26 and 32 per cent of the establishments, producing, respectively, 18.3 and nine per cent of the goods manufactured, and employing similar percentages of the wage-earners. The *value added* by manufacture in the boot and shoe industry, \$85,706,740, was approximately 40 per cent of the total volume of goods produced. (See Chart III., facing page xxiv.)

For *Cotton goods, including Cotton small wares*, the percentages for establishments operated by corporations are much larger than for Boots and shoes. In this industry corporations con-

trolled 89 per cent of the establishments, manufactured 98 per cent of the product, employed 98 per cent of the average number of wage-earners, and paid 98 per cent of the total wages. The *value added* by manufacture was \$83,380,706, or about 40 per cent of the gross product in the industry, \$211,985,220.

The percentages for *Electrical machinery, apparatus, and supplies* are similar to those of Cotton goods. Establishments operated by corporations produced 98 per cent of the goods, employed upwards of 98 per cent of the wage-earners, and paid 98 per cent of the total wages, the remaining two per cent representing the share contributed by individuals and private firms. The *value added* by manufacture in Electrical Machinery, Apparatus, and Supplies was \$29,300,198, or about 54 per cent of the gross product in the industry.

In *Foundry and machine-shop products* 90 per cent was produced in establishments operated under corporate management, three per cent by private firms, and seven per cent by individuals. The *value added* by manufacture in this industry was relatively larger than in any of the others, \$56,214,374, representing approximately 62 per cent of the gross value of goods produced.

In *Woolen and Worsted Goods, including Felt Goods and Wool Hats* 76 per cent of the establishments were controlled by corporations, approximately 11 per cent were in the hands of private firms, and 13 per cent were operated by individuals. Of the value of product, 90 per cent was produced by incorporated companies, seven per cent by private firms, and three per cent by individuals, the percentages for the average number of wage-earners and the amount paid in wages being substantially the same as for the value of product. The *value added* by manufacture in the woolen and worsted goods industry was \$48,310,296, or approximately 40 per cent of the total.

The table in detail, pages 48 to 51, will repay careful study.

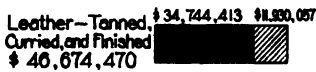
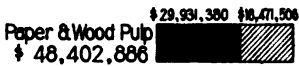
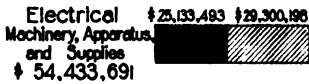
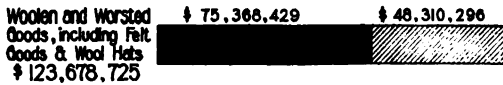
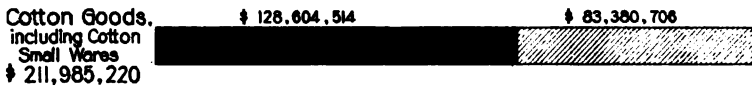
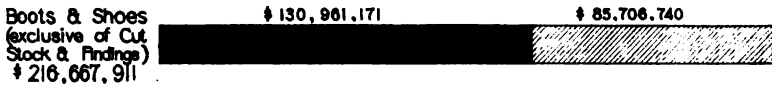
#### NUMBER OF WAGE-EARNERS AND EMPLOYMENT BY MONTHS.

The year 1912 closed with an average number of wage-earners employed in December of that year of 632,739. December is usually a favorable month for employment for the industries as a whole, since over a series of years as shown by the Annual Reports, the maximum number apparently falls more often in December than in any other month. By January of 1913, the

# CHART III.

## VALUE ADDED BY MANUFACTURE IN THE LEADING INDUSTRIES OF MASSACHUSETTS 1913

VALUE OF MATERIALS USED  VALUE ADDED BY MANUFACTURE 





average had declined slightly from the point reached in December, 1912 (632,739), exhibiting an average of 629,310, but it rose again in February to 630,864 and in March to 631,398 which was the highest level reached at any time during 1913. From this point, there was a sharp drop in April to 622,416, falling still and with continued downward trend through the months of May and June, and reaching the lowest point in July, when an average of 591,692 appears, the deviation from the maximum amounting to six per cent, representing, to that extent, unemployment of longer or shorter duration. The average number of wage-earners for the entire twelve months, as shown in the first column of the table, was 616,927, of whom 422,559 were males and 194,368 females, but this average was apparently not sustained during the five months from May to October, 1913. The conditions of employment began to improve in August, however, and the trend is upward for the last five months of the year, closing in December with an average of 621,210 as compared with 629,310 for January of that year.

The curve of employment in *Boots and shoes, exclusive of Cut stock and findings*, is quite different from that shown for All Industries, the highest point being reached earlier in the year, February, while the decline was less pronounced and of shorter duration, lasting apparently for the months March, April, and May. Conditions in this industry were appreciably better in July than in the preceding two months, and employment continued at a high level for the remainder of the year. The average for the year was 81,228, of whom 53,224 were males and 28,004 were females.

In *Cotton goods* employment was maintained at a high level for the first quarter of the year, January to April, the month of March exhibiting the maximum, 117,668. For the next four months employment was apparently less continuous, the minimum appearing for the month of August, while the last four months of the year exhibit a tendency to regain the maximum, closing with an average of 117,070 in December as against 117,071 in the opening month of the year. The average for the entire twelve months was 114,960, 61,687 of whom were males, and 53,273 females.

In *Electrical machinery, apparatus, and supplies* the months April, May, and June constituted the busy season, the maxi-

mum number, 23,473, being shown for May. The average for the year, 22,437, was sustained for all the months except January and the last quarter, October to December, 1913. The average for the year was 22,437, 18,168, or approximately 81 per cent, being males, and 4,269, or 19 per cent, being females.

The maximum of employment for *Foundry and machine-shop products* is shown for January, 39,853. The number declined during the months February to July, the average shown for the latter month, 36,028 obtaining, with only slight deviations, the rest of the year. The average for the entire period was 37,717, and the fluctuations from the maximum were at no time important.

In *Leather, tanned, curried, and finished*, January was also the month of greatest employment, 11,280, the numbers declining from February to July, when there was an average of only 9,493. Partial recovery is shown for the month of August, 9,724, and the conditions were gradually better for each of the remaining months, closing in December with an average of 10,940. The average for the entire period was 10,321, of whom 10,164 were males and 157 females.

In *Paper and wood pulp* employment was fairly constant, the average for the year appearing as 14,352, and the month of maximum employment being shown for April with only a slightly higher number, 14,588, the fluctuations from which did not in any month reach five per cent. The average number of wage-earners employed in this industry was 14,352, of whom 9,889 were males, and 4,463 females.

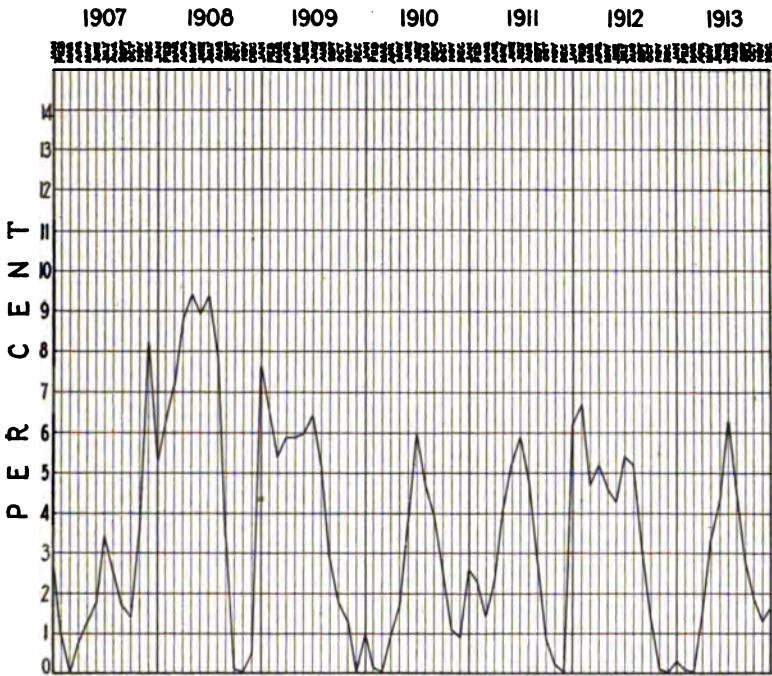
Of the principal industries, *Woolen and worsted goods* exhibits the widest range of unemployment in 1913. The maximum appears for January (54,976), and the curve runs distinctly downward for each succeeding month of the year, reaching its lowest point in July, when the average number of wage-earners in the industry was only 40,417, a deviation from the maximum of nearly 27 per cent, representing an unusual extent of unemployment. Increased activity among the mills appears again in August, however, the average rising to 47,926, with continued improvement, showing only slight fluctuations for the balance of the year, 51,101 wage-earners being employed in December as against 54,976 in January, 1913. The average for the 12 months was 49,709, of whom 29,638 were males and 20,071 were females.

CHART IV.

# UNEMPLOYMENT IN MANUFACTURING INDUSTRIES

DEVIATION FROM THE MAXIMUM

JANUARY 1907 - DECEMBER 1913







Another measure of unemployment is found in the range between the smallest and greatest number of wage-earners employed, as given in Table I, columns nine and ten. Here the average number employed by each individual manufacturer during the slackest month of his business was added to similar numbers for all other establishments, although the months did not at all coincide. The minimum thus secured aggregated 517,185 in 1913, and the maximum, obtained by a similar addition for the busiest month for each individual manufacturer, was 705,087, a range of 187,902, or 36.3 per cent. The length of the period of unemployment is, of course, indeterminate, but the extremes show slight improvement over the conditions in 1912, for which year the minimum was 503,465 and the maximum 691,077, a range of 187,612, or 37.3 per cent. Attention is called to Chart IV., facing page xxvi, showing the curve of unemployment in All Industries month by month since 1907.

#### WAGE-EARNERS EMPLOYED DECEMBER 13, 1913.

Table IV, pages 80 to 83, presents the number of wage-earners employed on a specific day, December 13, 1913, the Saturday falling nearest to the middle of the month. In 1913, the aggregate employed on that day in the manufacturing industries of the Commonwealth was 622,360, of whom 569,546, or nearly 92 per cent, were adults, and 52,814, or about eight per cent, were young people under 18 years of age. As compared with the corresponding day for the year 1912, which fell on December 14 of that year, there was a decrease of 17,474 wage-earners, or approximately three per cent. Apparently the level of employment was lower in the middle of December, 1913, than at the corresponding period in 1912, indicating a marked tendency toward a new period of business depression. A comparison of the leading industries exhibits similar tendencies. The total number of employees in *Boots and shoes* on December 13, 1913, was 84,474 as against 85,308 in 1912, of whom 6,674, or eight per cent, were young persons. In *Cotton goods*, the total on December 13 was 117,437 of whom 89 per cent were adults and about 11 per cent young persons. For the corresponding day in 1912 the number registered was 117,851. In *Electrical machinery, apparatus, and supplies* on December 13, 1913, there was an aggregate

of 20,779 of which eight per cent were young persons, as against 21,884 at the corresponding day in 1912. In *Foundry and machine-shop products* about four per cent of the wage-earners were young persons under 18 years of age, and the total number of operatives employed on December 13 36,669, as against 40,362 in 1912. In *Leather, tanned, curried, and finished* a total of 10,902 wage-earners were employed on December 13, 1913, of whom slightly more than two per cent were under 18 years of age. The corresponding figure for 1912 was considerably higher, 12,093. *Paper and wood pulp* shows a slight improvement in December, 1913, over the number employed in 1912, 14,513 and 14,409 wage-earners, respectively. Young persons in this industry on December 13 represented slightly more than four per cent of the total, the adult females 28 per cent, and the adult males 68 per cent. In *Woolen and worsted goods* on December 13, 1913, the level of employment was only 49,881, a decrease as compared with the middle of December of the year preceding, when the number was 56,400, of about 12 per cent. Of the total 49,881, about 11 per cent were young persons under 18 years of age, approximately 35 per cent were adult females, and 54 per cent were adult males.

In the following industries also there was a relatively large representation of young persons under 18 years of age, — *Boots and shoes, rubber; Confectionery; Dyeing and finishing textiles; Hosiery and knit goods; and Silk and silk goods.*

#### CLASSIFIED WEEKLY WAGES.

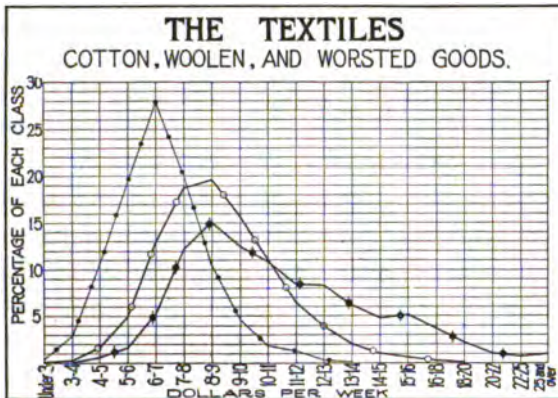
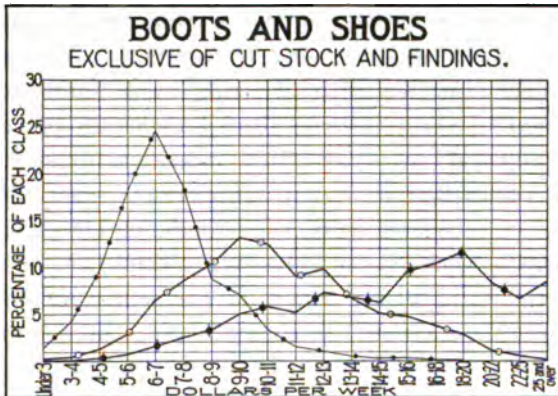
Table V, pages 84 to 123, presents classified weekly wages by industries for the year 1913 for adult males and females, and for young persons under 18 years of age, based on the week of greatest employment. The 693,571 wage-earners employed during the largest week was made up of 446,530, or 65 per cent, males, 189,743, or 27 per cent, females, and 57,298, or 8 per cent, young persons under 18 years of age.

Dividing the wage classes into three groups, — namely, low, medium, and high, considering in the low wage group those receiving under \$8 per week, in the medium wage group those being paid at rates \$8 to \$15, and in the high wage group those paid \$15 and over, we find that of the adult males, 36,490, or slightly more than eight per cent, were in the low wage group,

CHART V.

# **WAGES** **IN THE LEADING MANUFACTURING INDUSTRIES** **PERCENTAGE OF WAGE-EARNERS IN SPECIFIED WAGE-GROUPS**

Males over 18 —◆— Females over 18 —○— Males & Females under 18 —●—





253,592, or 57 per cent, were in the medium wage group, and 156,448 wage-earners, or 35 per cent, in the high wage group. The corresponding percentages in the same groups for 1912 were 10, 57, and 33 respectively. Apparently two per cent advanced from the low wage group into the medium, and two from the medium into the high. *Of the total number of adult females* employed during the largest week, 189,743, 40 per cent received less than \$8 per week, 56 per cent ranged between \$8 and \$15, and only four per cent were paid at rates of \$15 and over per week, as against percentages in 1912 of 43, 53, and four, respectively. *Of the total number of young persons*, 57,298, approximately 83 per cent were paid rates less than \$8 per week, the largest single wage class, \$6 to \$7, enrolling 14,440, or one-fourth of the operatives; nearly 10,000 (9,851) or 17 per cent, were paid at rates ranging between \$8 and \$15, and the numbers in the wage classes over \$15 were negligible. The corresponding percentages for 1912 were 86 and 14.

In *Boots and shoes* the total for the industry employed during the largest week, 92,549, was made up of 56,520, or 61 per cent, males; 29,201, or 32 per cent, females; and 6,828, or seven per cent, young persons. Five per cent of *the adult males*, 2,931 wage-earners, were in the low wage group, 22,403 wage-earners, or about 40 per cent, were paid rates ranging from \$8 to \$15 per week, and 31,186 wage-earners, or 55 per cent, were in the wage classes \$15 and over, the class \$15 but under \$16 per week, containing the median. *Of the total number of adult females*, 29,201, — 5,846, or 20 per cent, were paid at rates less than \$8 per week, 19,404 wage-earners, or 66.5 per cent, were in the medium wage group, and 3,951, or 13.5 per cent, were paid at rates of \$15 and upwards. The median wage class for females in this industry is \$10 to \$11 per week. *Of the total number of young persons*, 6,828, — 5,250, or approximately 77 per cent, were in classes paid less than \$8 per week, 1,544, or 23 per cent, were in the medium wage group, and the number in the high wage group (34 wage-earners) was negligible.

In *Cotton goods, including Cotton small wares* there was a total of 121,943 wage-earners employed during the largest week, 59,550, or 48.8 per cent, being adult males, 48,717, or 40 per cent, adult females, and 13,676, or 11.2 per cent, young persons. *Of the adult males*, 14,565 wage-earners, or about 25 per cent.

were in the low wage group, as against 28 per cent in 1912, 64 per cent in the medium wage group, as against 61 per cent in 1912, and slightly more than 11 per cent in the high wage group. The median wage class for males in this industry was \$9 to \$10 per week. *Of the adult females*, the low wage group contained 18,429, or approximately 38 per cent of the wage-earners, as against 43 per cent in 1912, the medium wage group 30,106, or about 62 per cent of the wage-earners, as against 56 per cent in the year preceding, while the high wage group was represented by only 182 wage-earners, or less than one per cent. The wage class containing the median for females was \$8 to \$9 per week. *Of the young persons* employed in this industry, 79.8 per cent were paid less than \$8 per week, as against 84 per cent in 1912, the wage most frequently recurring being \$6 to \$7 per week.

In *Electrical machinery, apparatus, and supplies* the total number of wage-earners during the largest week was 24,451, of whom 18,446, or 75 per cent, were males, 3,605, or 15 per cent, females, and 2,400, or 10 per cent, young persons under 18 years of age. The high wage classes in this industry are represented by 46.7 per cent of the males, the medium wage group contained 50.4 per cent, and the low wage group, those receiving under \$8 among the adult males, constituted less than three per cent. The females in this industry group themselves principally in the wage classes \$8 and \$9 per week, although the classes \$5 to \$7, inclusive, have upwards of one-third of the wage-earners. In the wage classes \$10 per week and over among the adult females there were 703 wage-earners, or about 20 per cent of the operatives. As in the other industries the *young persons* in Electrical machinery, apparatus, and supplies fall principally in the wage classes \$5, \$6, and \$7 per week, although there is a representation of a little over 10 per cent in the lower wage classes, presumably including apprentices.

In *Leather, tanned, curried, and finished*, out of a total of 12,036, 11,618, or 97 per cent, were males, the number of females and young persons in the industry comprising little more than three per cent of the total. In this industry, the wage most frequently recurring is \$10 to \$11 per week, but the classes beyond this point contain 51 per cent of the wage-earners.

In *Paper and wood pulp* the median wage class for males was \$11 to \$12 per week, although the class next lower contained

the largest single group of wage-earners, 2,260, or 22 per cent of the total males. The classes \$9 to \$10 and \$12 to \$13 had an enrollment of 15.3 and 15.7 per cent of the wage-earners respectively, while the high wage group, \$15 and over, had approximately one-fourth of the males. The wage most frequently found among the females was that of \$6 per week, fully one-third of the wage-earners appearing in this wage class. The next two classes, \$7 to \$8 and \$8 to \$9, had respectively 20 and 22.5 per cent of the wage-earners, and the higher wage classes, those receiving \$9 and over, in this industry aggregated 772 wage-earners, or about 17 per cent.

In *Woolen and worsted goods (including felt goods and wool hats)* the total number of operatives employed during the largest week was 60,377, comprising 32,552, or 54 per cent, males, 20,486, or 34 per cent, females, and 7,339, or 12 per cent, young persons. *Of the adult males*, the largest single group is in the \$8 to \$9 wage class, containing 5,172 wage-earners, or approximately 16 per cent. In the wage classes paid at rates \$11, \$12, \$13, and \$14 respectively, there was an additional 30 per cent of the wage-earners, and the high wage group in this industry among the males was represented by 19 per cent, or nearly one-fifth of the total. *Of the adult females*, the group containing the largest number, 4,555, or 22 per cent of the total, fell in the \$7 wage class. The next higher class, those paid at rates \$8 but under \$9, had 3,742, or 18 per cent; classes \$9, \$10, and \$11, respectively, embraced in turn 11, nine, and six per cent of the operatives, and the high wage-classes, those paid \$15 and over, contained less than three per cent of the adult females. As in Cotton goods, the rate most frequently recurring for *young persons* in this industry is \$6 to \$7 per week, 37.3 per cent appearing in this wage class, with 24 per cent at the next higher rate, \$7 but under \$8 per week, and as in the class \$5 but under \$6 there were 1,219 young persons, or 16.6 per cent of the wage-earners, these three classes contained over three-fourths of the operatives.

The percentages for the leading industries, with the figures on which they are based, are brought together in the following table, and in this connection attention is called to Chart V., facing page xxviii, in which the data for Boots and shoes and the textile industries are graphically presented.



## All Industries.

| Sex and Age.                           | Aggre-<br>gates | Un-<br>der<br>\$3 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$22 | \$22<br>but<br>under<br>\$25 | \$25<br>and<br>over |
|--|-----------------|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
|  |                 |                   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |
| <b>THE STATE,</b>                      | 603,371         | 1,142             | 3,891                      | 14,186                     | 29,746                     | 50,053                     | 80,526                     | 97,876                     | 73,541                      | 66,972                       | 43,994                       | 53,125                       | 37,061                       | 27,359                       | 36,783                       | 37,645                       | 37,973                       | 21,181                       | 14,985                       | 15,598              |
| Per cent.                              | 100             | 0.2               | 0.6                        | 2.4                        | 4.9                        | 8.3                        | 13.4                       | 16.2                       | 12.6                        | 11.1                         | 7.3                          | 8.8                          | 6.1                          | 4.5                          | 6.1                          | 6.2                          | 6.3                          | 3.5                          | 2.5                          | 2.6                 |
| Males (18 years and over),             | 446,530         | 177               | 475                        | 1,537                      | 3,522                      | 5,833                      | 20,626                     | 31,872                     | 44,240                      | 46,220                       | 31,639                       | 43,773                       | 31,860                       | 23,999                       | 33,877                       | 35,601                       | 36,514                       | 20,521                       | 14,595                       | 15,240              |
| Per cent.                              | 100             | 0.1               | 0.1                        | 0.4                        | 0.9                        | 1.3                        | 4.6                        | 7.1                        | 9.9                         | 10.3                         | 7.1                          | 9.8                          | 7.1                          | 5.4                          | 7.6                          | 8.0                          | 8.8                          | 4.6                          | 3.3                          | 3.4                 |
| Females (18 years and over),           | 156,841         | 438               | 1,207                      | 4,763                      | 13,270                     | 25,780                     | 30,268                     | 30,924                     | 29,719                      | 19,618                       | 11,692                       | 9,096                        | 5,082                        | 3,285                        | 2,947                        | 2,015                        | 1,441                        | 600                          | 390                          | 268                 |
| Per cent.                              | 100             | 0.3               | 0.8                        | 3.1                        | 8.6                        | 16.3                       | 19.4                       | 19.6                       | 19.9                        | 13.2                         | 7.8                          | 6.3                          | 3.7                          | 2.1                          | 1.9                          | 1.3                          | 0.9                          | 0.4                          | 0.3                          | 0.2                 |
| Young persons (under 18 years of age), | 57,298          | 527               | 2,209                      | 7,869                      | 12,654                     | 14,440                     | 9,642                      | 5,082                      | 2,532                       | 1,125                        | 603                          | 256                          | 139                          | 74                           | 59                           | 29                           | 18                           | -                            | -                            | -                   |
| Per cent.                              | 100             | 0.9               | 3.9                        | 13.7                       | 21.9                       | 25.2                       | 16.8                       | 8.9                        | 4.3                         | 2.0                          | 1.1                          | 0.4                          | 0.2                          | 0.1                          | 0.1                          | 0.1                          | 0.1                          | -                            | -                            | -                   |

## Boots and Shoes (Exclusive of Out Stock and Findings).

|  |        |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Totals,</b>                         | 92,549 | 233 | 509 | 1,233 | 2,439 | 4,459 | 5,104 | 5,475 | 7,109 | 7,148 | 5,061 | 7,070 | 5,873 | 4,995 | 6,831 | 6,969 | 7,411 | 5,100 | 3,955 | 4,884 |
| Per cent.                              | 100    | 0.3 | 0.6 | 1.3   | 2.7   | 4.8   | 5.5   | 5.9   | 7.7   | 7.7   | 5.5   | 7.6   | 6.3   | 5.4   | 7.4   | 7.6   | 8.0   | 5.5   | 4.3   | 5.3   |
| Males (18 years and over),             | 66,520 | 51  | 82  | 180   | 388   | 686   | 1,344 | 1,882 | 2,807 | 3,259 | 2,038 | 4,145 | 3,874 | 2,498 | 3,408 | 3,869 | 5,561 | 4,742 | 3,762 | 4,829 |
| Per cent.                              | 100    | 0.1 | 0.1 | 0.3   | 0.7   | 1.6   | 2.4   | 3.3   | 5.0   | 5.8   | 3.1   | 7.3   | 6.8   | 4.2   | 6.6   | 10.4  | 11.6  | 8.4   | 6.7   | 8.6   |
| Females (18 years and over),           | 29,201 | 83  | 132 | 338   | 856   | 1,897 | 2,490 | 2,998 | 3,817 | 3,654 | 2,833 | 2,853 | 1,967 | 1,477 | 1,406 | 1,122 | 840   | 358   | 154   | 55    |
| Per cent.                              | 100    | 0.3 | 0.5 | 1.3   | 2.9   | 6.6   | 8.6   | 10.3  | 13.1  | 12.6  | 9.0   | 9.8   | 6.7   | 5.1   | 4.8   | 3.8   | 2.9   | 1.2   | 0.6   | 0.2   |
| Young persons (under 18 years of age), | 6,328  | 99  | 295 | 665   | 1,245 | 1,676 | 1,270 | 595   | 495   | 235   | 105   | 72    | 32    | 20    | 22    | 8     | 4     | -     | -     | -     |
| Per cent.                              | 100    | 1.6 | 4.7 | 9.7   | 19.8  | 26.6  | 19.9  | 9.4   | 7.7   | 3.7   | 1.6   | 1.1   | 0.5   | 0.3   | 0.3   | 0.1   | 0.1   | -     | -     | -     |

## Cotton Goods (Including Cotton Small Ware).

|  |         |     |     |       |       |        |        |        |        |        |       |       |       |       |       |       |     |     |     |     |
|--|---------|-----|-----|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|
| Totals,                                | 121,943 | 165 | 802 | 3,538 | 7,002 | 12,090 | 19,637 | 30,026 | 16,431 | 12,523 | 8,836 | 6,100 | 4,239 | 2,971 | 2,964 | 1,715 | 974 | 530 | 450 | 573 |
| Per cent,                              | 100     | 0.1 | 0.7 | 3.0   | 6.1   | 10.4   | 16.1   | 25.4   | 13.6   | 10.3   | 7.8   | 5.0   | 3.5   | 2.4   | 2.5   | 1.4   | 0.8 | 0.4 | 0.4 | 0.6 |
| Males (18 years and over),             | 59,350  | 37  | 120 | 502   | 1,347 | 3,084  | 8,765  | 8,699  | 7,166  | 9,323  | 5,391 | 4,508 | 3,438 | 2,644 | 2,547 | 1,658 | 966 | 526 | 459 | 573 |
| Per cent,                              | 100     | 0.1 | 0.8 | 1.0   | 2.3   | 6.3    | 14.7   | 14.6   | 13.0   | 10.9   | 8.9   | 7.6   | 5.7   | 4.4   | 4.3   | 2.8   | 1.6 | 0.9 | 0.8 | 1.0 |
| Females (18 years and over),           | 48,717  | 41  | 214 | 1,048 | 2,808 | 5,894  | 8,424  | 9,816  | 8,594  | 5,713  | 3,301 | 1,553 | 800   | 325   | 114   | 56    | 8   | 4   | -   | -   |
| Per cent,                              | 100     | 0.1 | 0.4 | 2.3   | 5.8   | 12.1   | 17.3   | 20.8   | 17.6   | 11.7   | 6.8   | 3.2   | 1.6   | 0.7   | 0.3   | 0.1   | 1-  | 3-  | -   | -   |
| Young persons (under 18 years of age), | 13,876  | 87  | 583 | 1,888 | 2,847 | 3,112  | 2,418  | 1,511  | 673    | 268    | 244   | 34    | 11    | 2     | 3     | 1     | -   | -   | -   | -   |
| Per cent,                              | 100     | 0.6 | 4.1 | 13.8  | 20.8  | 22.8   | 17.7   | 11.0   | 4.9    | 2.1    | 1.8   | 0.5   | 0.1   | 1-    | 1-    | 3-    | -   | -   | -   | -   |

## Electrical Machinery, Apparatus, and Supplies.

|  |        |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
|--|--------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| Totals,                                | 24,451 | 10  | 50  | 261 | 1,077 | 1,024 | 1,292 | 2,108 | 2,473 | 1,694 | 1,560 | 1,477 | 1,564 | 1,293 | 1,609 | 3,032 | 2,065 | 871 | 670 | 431 |
| Per cent,                              | 100    | 1-  | 0.8 | 1.1 | 4.4   | 4.3   | 5.3   | 8.6   | 10.1  | 6.5   | 6.4   | 6.0   | 6.4   | 5.3   | 6.6   | 12.4  | 8.4   | 3.6 | 2.7 | 1.8 |
| Males (18 years and over),             | 18,446 | -   | 4   | 4   | 59    | 136   | 320   | 906   | 1,739 | 1,240 | 1,376 | 1,365 | 1,537 | 1,252 | 1,579 | 3,014 | 2,053 | 871 | 670 | 431 |
| Per cent,                              | 100    | -   | 1-  | 1-  | 0.3   | 0.8   | 1.8   | 4.9   | 9.4   | 6.7   | 6.9   | 7.4   | 8.5   | 6.8   | 8.6   | 16.3  | 11.1  | 4.7 | 3.6 | 2.4 |
| Females (18 years and over),           | 3,605  | 7   | 7   | 38  | 429   | 374   | 491   | 937   | 599   | 300   | 247   | 93    | 23    | 17    | 14    | 6     | 3     | -   | -   | -   |
| Per cent,                              | 100    | 0.2 | 0.2 | 1.1 | 11.9  | 10.4  | 13.6  | 26.6  | 16.6  | 8.3   | 6.8   | 2.6   | 0.6   | 0.6   | 0.4   | 0.2   | 0.1   | -   | -   | -   |
| Young persons (under 18 years of age), | 2,400  | 3   | 39  | 219 | 599   | 514   | 481   | 245   | 135   | 54    | 37    | 19    | 14    | 14    | 16    | 12    | 9     | -   | -   | -   |
| Per cent,                              | 100    | 0.1 | 1.6 | 9.1 | 24.5  | 21.4  | 20.0  | 10.3  | 5.6   | 2.3   | 1.6   | 0.8   | 0.6   | 0.6   | 0.7   | 0.5   | 0.4   | -   | -   | -   |

1 Less than one-tenth of one per cent.

2 Less than one one-hundredth of one per cent.

## Leather, Tanned, Curried, and Finished.

| SEX AND AGE.                           |   | Aggre-<br>gates | Un-<br>der<br>\$3 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$22 | \$22<br>and<br>over |     |
|--|---|-----------------|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|-----|
| Totals,                                | . | 12,036          | 6                 | 10                         | 20                         | 88                         | 216                        | 495                        | 859                         | 1,845                        | 2,399                        | 1,033                        | 1,258                        | 493                          | 580                          | 653                          | 559                          | 348                          | 194                 | 221 |
| Per cent.,                             | . | 100             | 0.1               | 0.1                        | 0.3                        | 0.7                        | 1.8                        | 4.1                        | 7.1                         | 15.5                         | 19.4                         | 8.6                          | 10.5                         | 4.1                          | 4.9                          | 5.4                          | 4.7                          | 2.9                          | 1.5                 | 1.8 |
| Males (18 years and over),             | . | 11,618          | 4                 | 4                          | 6                          | 49                         | 117                        | 411                        | 725                         | 1,816                        | 2,327                        | 1,028                        | 1,254                        | 493                          | 580                          | 653                          | 559                          | 348                          | 194                 | 221 |
| Per cent.,                             | . | 100             | 1-                | 1-                         | 0.1                        | 0.4                        | 1.0                        | 3.5                        | 6.3                         | 15.6                         | 20.0                         | 8.9                          | 10.8                         | 4.3                          | 5.1                          | 5.6                          | 4.8                          | 3.0                          | 1.6                 | 1.9 |
| Females (18 years and over),           | . | 171             | -                 | 1                          | 5                          | 18                         | 27                         | 31                         | 67                          | 12                           | 5                            | 4                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                   | -   |
| Per cent.,                             | . | 100             | -                 | 0.6                        | 2.9                        | 10.5                       | 16.8                       | 18.1                       | 39.8                        | 7.0                          | 2.9                          | 2.4                          | 0.6                          | -                            | -                            | -                            | -                            | -                            | -                   | -   |
| Young persons (under 18 years of age), | . | 247             | 2                 | 5                          | 9                          | 21                         | 72                         | 53                         | 57                          | 17                           | 7                            | 1                            | 3                            | -                            | -                            | -                            | -                            | -                            | -                   | -   |
| Per cent.,                             | . | 100             | 0.8               | 2.0                        | 3.6                        | 8.5                        | 29.9                       | 21.6                       | 6.9                         | 2.8                          | 0.4                          | 1.2                          | -                            | -                            | -                            | -                            | -                            | -                            | -                   | -   |

## Paper and Wood Pulp.

[illegible]

## Woolen, Worsted, and Felt Goods, and Wool Hats.

|  |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
|--|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| Totals,                                | 85  | 506 | 3,016 | 0,933 | 8,825 | 9,614 | 0,901 | 5,517 | 3,833 | 4,360 | 2,921 | 2,304 | 2,504 | 1,980 | 1,093 | 551 | 289 | 368 |
| Per cent,                              | 1 - | 0.8 | 3.4   | 11.5  | 14.6  | 15.9  | 11.4  | 9.1   | 6.4   | 7.0   | 4.8   | 8.7   | 4.8   | 3.8   | 1.8   | 0.9 | 0.5 | 0.6 |
| Males (18 years and over),             | 2   | 41  | 144   | 1,119 | 2,485 | 5,173 | 4,318 | 3,500 | 2,587 | 3,043 | 2,230 | 1,774 | 2,134 | 1,777 | 1,043 | 530 | 235 | 368 |
| Per cent,                              | 2   | 0.1 | 0.4   | 3.4   | 7.6   | 15.9  | 13.3  | 10.8  | 7.9   | 9.3   | 6.9   | 5.5   | 6.5   | 5.5   | 3.3   | 1.6 | 0.9 | 1.1 |
| Females (18 years and over),           | 2   | 15  | 633   | 3,073 | 4,555 | 3,742 | 3,233 | 1,917 | 1,227 | 1,179 | 678   | 436   | 376   | 152   | 51    | 31  | 4   | -   |
| Per cent,                              | 2   | 0.1 | 3.9   | 15.0  | 23.3  | 18.3  | 11.1  | 9.4   | 6.0   | 6.8   | 3.8   | 3.1   | 1.8   | 0.7   | 0.9   | 0.9 | 1 - | -   |
| Young persons (under 18 years of age), | 14  | 49  | 335   | 1,219 | 2,741 | 1,785 | 700   | 301   | 100   | 30    | 13    | 4     | 4     | 1     | -     | -   | -   | -   |
| Per cent,                              | 0.8 | 0.7 | 4.6   | 16.6  | 37.3  | 24.3  | 9.5   | 4.1   | 1.4   | 0.6   | 0.9   | 0.1   | 0.1   | 1 -   | -     | -   | -   | -   |

1 Less than one-tenth of one per cent.

: Less than one one-hundredth of one per cent.

## AVERAGE YEARLY EARNINGS.

The total amount paid in wages in All Industries rose from \$335,553,704 in 1912, to \$351,299,706 in 1913, a gain of 4.7 per cent.

The *average yearly earnings* for All Industries for 1913 as obtained from a division of the total amount paid in wages by the average number of wage-earners was \$569.43 (Table I a). As shown by these Annual Reports for several years, the industry *Malt liquors* exhibits the highest average yearly earnings, \$957.25. High average earnings are also shown for the relatively important industries, — *Automobiles, including bodies and parts*, \$816.84; *Monuments and tombstones*, \$814.56; and *Lasts*, \$812.02. Among the principal industries, average yearly earnings appear as follows: *Boots and shoes*, \$625.03; *Cotton goods*, \$459.05; *Electrical machinery, apparatus, and supplies*, \$639.69; *Foundry and machine-shop products*, \$692.31; *Leather, tanned, curried, and finished*, \$594.75; *Paper and wood pulp*, \$571.17; *Woolen and worsted goods*, \$481.94.

Among the cities of the State the average yearly earnings for all industries appear as follows: *Boston*, \$622.11; *Worcester*, \$625.38; *Brockton*, \$679.32; *Haverhill*, \$643.15; *Lynn*, \$641.01; *New Bedford*, \$506.50; *Lawrence*, \$478.80; *Lowell*, \$468.39; *Fall River*, \$446.25; *Cambridge*, \$598.75. Some of the other important cities showing high average yearly earnings are *Springfield*, \$657.43; *Somerville*, \$600.32; *Quincy*, \$755.98, and *Pittsfield*, \$664.31.

## DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in table VI a, pages 124 to 126, and by cities and towns in table VI b, pages 126 and 127. The number of working days exclusive of 52 Sundays and 8 holidays was 305 in 1913 as against 306 days in 1912. In 1913 the average running time for All Industries, as shown in the table, was 289.2 days, a slight decrease as compared with the previous year when the average running time for All Industries was 291.8 days. In a normal year, the shut-downs for vacation and repairs usually amount to about two weeks, or 12 working days, so that the

time lost in 1913 was slightly in excess of normal, amounting to 15.8 days.

In the leading industries the running time appears as follows: — for *Boots and shoes*, 288 days; *Cotton goods*, 290 days; *Electrical machinery, apparatus, and supplies*, 298 days; *Leather, tanned, curried, and finished*, 276 days; *Paper and wood pulp*, 280 days; *Woolen and worsted goods*, 282 days. The presentation by cities shows average running time in the manufacturing establishments in *Boston* of 292 days, in *Worcester and Cambridge*, respectively, 294 days; in *Lynn, Lawrence, and Fall River*, 293 days; in *New Bedford*, 296 days, and in *Lowell*, 290 days.

#### CONCLUSION.

Taken as a whole and making proper allowance for the unusual conditions existing in the woolen and worsted goods industry, the year 1913 may be regarded as one of approximately normal growth and improvement in all of the elements surrounding production. In the light of current events, it cannot fail to be apparent that it is to the industries of the United States that the markets of the world must look for their source of supply, and it, therefore, may not be out of place here to point out to the manufacturers of Massachusetts and especially to those engaged in what may be considered in a more particular and intimate way our principal industries, namely, — *Cotton goods* and *Boots and shoes*, — that there is for them a new and hitherto almost untouched field for expansion in territory brought into accessibility by the opening of the Panama Canal, and that in South America alone there is a market for more than \$100,000,000 in cotton goods and an important, if not so extensive a field for exploitation in manufactures of boots and shoes.

To their credit be it said that some of our manufacturers have not been careless of their opportunity in the export field, although the total of approximately \$4,000,000 in Boots and shoes and a slightly greater amount in Cotton goods (including Cotton small wares) are not appreciably large holdings, considering the vast output in these industries in 1913 as shown by this report, \$216,667,911 and \$211,985,220, respectively.

It is, of course, not to be expected that these markets will

come to us without effort, without establishing the proper financial machinery, and the means of transportation. Nevertheless, as it is true that "trade follows the flag," it would seem also to be true that ships must follow the trade, and that if there is sufficient business to warrant it, it is probably only a matter of time when the capital will be found and the ships secured, in order that the best business interests of all concerned may be subserved.

CHARLES F. GETTEMY,

*Director, Bureau of Statistics.*

STATE HOUSE, BOSTON, November 30, 1914.

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**TABULAR PRESENTATIONS.**  
**1913.**

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[1]



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913.

## A. THE STATE: BY INDUSTRIES.

| Industries.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested    | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |                |                    |                    |                | Value of<br>Product    |
|--|--|------------------------|---|--|-------------------------------|-----------------------|----------------|--------------------|--------------------|----------------|------------------------|
|  |  |                        |   |  |                               | Average Number        |                | Smallest<br>Number | Greatest<br>Number |                |                        |
|  |  |                        |   |  |                               | Males                 | Females        |                    |                    | Both<br>Sexes  |                        |
| <b>THE STATE.</b>                                  | <b>8,486</b>                               | <b>\$1,345,461,975</b> | <b>\$661,779,476</b>                          | <b>\$551,299,795</b>                             | <b>\$669.43</b>               | <b>432,559</b>        | <b>194,363</b> | <b>616,927</b>     | <b>517,185</b>     | <b>795,697</b> | <b>\$1,653,729,363</b> |
| Agricultural implements, . . . . .                 | 5  | 1,022,566              | 396,555                                       | 299,083  | 651.80                        | 459                   | -              | 459                | 379                | 539            | 865,433                |
| Artificial stone, . . . . .                        | 28   | 521,163                | 134,824                                       | 176,028  | 765.34                        | 230                   | -              | 230                | 151                | 335            | 478,002                |
| Automobiles, including bodies and parts, . . . . . | 57   | 9,349,387              | 5,019,579                                     | 3,402,154  | 816.84                        | 4,128                 | 37             | 4,165              | 3,218              | 5,209          | 11,265,702             |
| Awnings, tents, and sails, . . . . .               | 48   | 433,421                | 553,561                                       | 220,811  | 625.53                        | 234                   | 119            | 353                | 226                | 530            | 992,742                |
| Baskets and rattan and willow ware, . . . . .      | 14   | 246,894                | 141,605                                       | 103,902  | 486.53                        | 205                   | 9              | 214                | 197                | 231            | 339,823                |
| Belting and hose, leather, . . . . .               | 15   | 4,643,692              | 4,351,282                                     | 743,357  | 611.82                        | 1,172                 | 43             | 1,215              | 1,186              | 1,264          | 6,848,972              |
| Belting and hose, woven, . . . . .                 | 6  | 832,841                | 505,014                                       | 97,125   | 574.70                        | 98                    | 71             | 169                | 146                | 204            | 847,487                |
| Bicycles, motorcycles, and parts, . . . . .        | 6  | 5,411,331              | 4,613,860                                     | 2,183,298  | 781.14                        | 2,763                 | 2              | 2,795              | 1,710              | 3,555          | 9,699,469              |
| Billiard tables and materials, . . . . .           | 4  | 90,968                 | 55,291  | 17,422   | 871.10                        | 20                    | -              | 20                 | 19                 | 24             | 113,499                |
| Blacking, . . . . .                                | 50   | 1,421,180              | 1,948,899                                     | 276,743  | 535.29                        | 247                   | 270            | 517                | 429                | 607            | 3,715,683              |
| Bookbinding and blank-book making, . . . . .       | 57   | 2,993,887              | 1,424,223                                     | 1,369,039  | 553.69                        | 1,370                 | 1,203          | 2,473              | 2,217              | 2,786          | 4,051,057              |
| Boot and shoe cut stock and findings, . . . . .    | 375  | 19,555,393             | 41,927,629                                    | 4,358,015  | 524.43                        | 5,777                 | 2,533          | 8,310              | 6,265              | 10,379         | 53,009,872             |
| Boots and shoes, . . . . .                         | 453  | 86,918,333             | 130,961,171                                   | 50,770,195                                       | 625.03                        | 53,294                | 28,004         | 81,228             | 66,263             | 93,974         | 216,667,911            |
| Boots and shoes, rubber, . . . . .                 | 8  | 18,370,441             | 11,109,868                                    | 4,241,613  | 535.07                        | 4,832                 | 3,125          | 7,957              | 6,509              | 8,839          | 24,733,926             |
| Boxes, cigar, . . . . .                            | 4  | 208,309                | 146,002                                       | 83,764   | 507.66                        | 83                    | 82             | 165                | 158                | 174            | 301,038                |
| Boxes, fancy and paper, . . . . .                  | 95   | 4,054,193              | 3,402,682                                     | 1,953,120  | 454.75                        | 1,488                 | 2,807          | 4,295              | 3,809              | 4,826          | 6,895,723              |
| Boxes, wooden packing, . . . . .                   | 99   | 6,624,278              | 5,724,236                                     | 1,989,427  | 530.94                        | 3,390                 | 357            | 3,747              | 3,272              | 4,216          | 9,291,374              |

|   |     |            |            |           |        |       |       |       |       |       |            |
|---|-----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Brass and bronze products, . . . . .  | 69  | 5,302,424  | 4,962,399  | 1,316,876 | 673.59 | 1,913 | 43    | 1,955 | 1,672 | 2,319 | 7,392,411  |
| Bread and other bakery products, . . . . .  | 804 | 8,923,715  | 15,197,830 | 3,923,470 | 607.51 | 5,081 | 1,425 | 6,506 | 6,018 | 7,038 | 28,321,835 |
| Brick and tile, . . . . .   | 45  | 1,770,608  | 296,026    | 541,497   | 623.84 | 898   | -     | 898   | 421   | 1,018 | 1,109,183  |
| Brooms, . . . . .   | 23  | 194,682    | 242,380    | 61,766    | 506.28 | 113   | 9     | 122   | 105   | 136   | 433,997    |
| Brushes, . . . . .  | 27  | 2,771,038  | 2,089,146  | 751,389   | 479.81 | 771   | 795   | 1,566 | 1,411 | 1,671 | 3,740,615  |
| Butter, . . . . .   | 16  | 100,398    | 968,274    | 26,014    | 604.98 | 43    | -     | 43    | 41    | 47    | 781,834    |
| Buttons, . . . . .  | 11  | 1,184,929  | 506,324    | 366,615   | 455.99 | 398   | 436   | 804   | 707   | 933   | 1,178,085  |
| Canning and preserving, . . . . .   | 55  | 3,601,896  | 5,499,882  | 767,008   | 469.98 | 1,218 | 414   | 1,632 | 1,363 | 2,143 | 7,143,545  |
| Card cutting and designing, . . . . .   | 4   | 109,377    | 34,254     | 26,496    | 456.53 | 27    | 31    | 58    | 39    | 80    | 98,564     |
| Carpets and rugs, other than rag, . . . . .   | 11  | 15,375,659 | 8,166,640  | 2,774,163 | 484.40 | 3,193 | 2,533 | 5,726 | 5,201 | 6,243 | 12,833,395 |
| Carpets, rag, . . . . .   | 17  | 51,019     | 28,303     | 43,337    | 496.01 | 74    | 13    | 87    | 66    | 102   | 144,174    |
| Carriages and sleds, children's, . . . . .  | 5   | 1,281,831  | 1,352,537  | 520,284   | 609.33 | 743   | 111   | 854   | 594   | 1,092 | 2,084,081  |
| Carriages and wagons and materials, . . . . .   | 89  | 2,397,423  | 1,063,557  | 812,531   | 707.78 | 1,146 | 2     | 1,148 | 942   | 1,340 | 2,604,408  |
| Cars and general shop construction and repairs by steam-railroad companies, . . . . . | 22  | 6,281,219  | 4,250,918  | 4,648,717 | 753.32 | 6,151 | 20    | 6,171 | 5,806 | 6,464 | 8,901,432  |
| Chemicals, . . . . .  | 21  | 6,844,787  | 3,674,790  | 923,537   | 665.19 | 1,296 | 97    | 1,393 | 1,179 | 1,537 | 7,082,081  |
| Cleaning and polishing preparations, . . . . .  | 15  | 183,039    | 243,962    | 32,920    | 548.67 | 44    | 16    | 60    | 51    | 68    | 464,599    |
| Clocks, . . . . .   | 9   | 766,061    | 122,563    | 213,801   | 724.75 | 259   | 36    | 295   | 221   | 345   | 497,899    |
| Cloth sponging and refinishing, . . . . .   | 4   | 32,788     | 1,795      | 35,254    | 665.17 | 53    | -     | 53    | 43    | 59    | 61,845     |
| Clothing, men's, . . . . .  | 206 | 8,732,765  | 9,995,410  | 3,444,393 | 592.61 | 2,634 | 8,179 | 5,813 | 4,356 | 7,309 | 18,481,899 |
| Clothing, women's, . . . . .  | 184 | 5,063,449  | 7,291,377  | 3,062,318 | 506.96 | 1,425 | 4,637 | 6,032 | 4,196 | 7,394 | 13,812,249 |
| Coffee and spice, roasting and grinding, . . . . .                                    | 16  | 2,784,199  | 5,853,725  | 244,132   | 627.59 | 236   | 153   | 389   | 366   | 417   | 7,655,668  |
| Coffins, burial cases, and undertakers' goods, . . . . .                              | 12  | 1,119,166  | 467,422    | 225,123   | 634.15 | 312   | 43    | 355   | 330   | 379   | 974,257    |
| Combs and hairpins, . . . . .   | 25  | 1,977,615  | 1,890,126  | 1,021,439 | 498.02 | 1,491 | 560   | 2,051 | 1,580 | 2,088 | 3,588,840  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used. | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|---|--|---------------------|--|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|   |  |                     |  |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |  |  |                               | Males                 | Females |                    |                    |                     |
|   |  |                     |  |  |                               | Both<br>Sexes         |         |                    |                    |                     |
| The State — Continued.  |  |                     |  |  |                               |                       |         |                    |                    |                     |
| Confectionery, . . . . .                                      | 121  | \$10,192,120        | \$12,705,701                                   | \$2,780,212                                      | \$384.80                      | 1,882                 | 5,343   | 7,225              | 8,992              | \$20,175,141        |
| Cooperage, . . . . .  | 38   | 1,534,447           | 1,052,266                                      | 444,274  | 549.16                        | 706                   | 13      | 809                | 879                | 1,748,919           |
| Copper, tin, and sheet-iron products, <sup>1</sup> . . . . .  | 122  | 2,893,551           | 3,186,094                                      | 1,588,538  | 804.47                        | 2,310                 | 318     | 2,628              | 3,063              | 6,538,090           |
| Cordage and twine, . . . . .                                  | 13   | 10,011,017          | 10,041,676                                     | 1,134,863  | 430.36                        | 2,121                 | 516     | 2,637              | 2,884              | 13,361,197          |
| Cordials and syrups, . . . . .                                | 7  | 225,393             | 380,194  | 40,953   | 671.36                        | 41                    | 20      | 61                 | 55                 | 614,481             |
| Corsets, . . . . .  | 11   | 2,867,221           | 2,682,398                                      | 1,151,545  | 386.81                        | 326                   | 2,651   | 2,977              | 3,518              | 5,714,608           |
| Cotton goods, . . . . .                                       | 167  | 254,547,295         | 127,694,943                                    | 52,772,649                                       | 459.05                        | 61,687                | 53,373  | 114,060            | 122,330            | 210,372,717         |
| Cotton small wares, . . . . .                                 | 23   | 1,656,285           | 909,571  | 383,863  | 437.70                        | 369                   | 508     | 877                | 998                | 1,612,503           |
| Cutlery and tools, not elsewhere specified, . . . . .         | 137  | 17,856,629          | 3,767,256                                      | 4,513,372  | 633.10                        | 6,237                 | 892     | 7,129              | 8,008              | 13,760,733          |
| Dairymen's, poultryers', and apiarists' supplies, . . . . .   | 4  | 29,572              | 45,439   | 11,697   | 531.68                        | 18                    | 4       | 22                 | 26                 | 77,468              |
| Dentists' materials, . . . . .                                | 8  | 84,462              | 443,468  | 39,869   | 595.06                        | 40                    | 27      | 67                 | 70                 | 542,087             |
| Dyeing and finishing textiles, . . . . .                      | 49   | 32,840,638          | 13,337,777                                     | 6,030,716  | 515.98                        | 9,466                 | 2,222   | 11,688             | 12,965             | 26,125,981          |
| Dyestuffs and extracts, . . . . .                             | 14   | 656,353             | 776,094  | 69,102   | 628.20                        | 106                   | 4       | 110                | 91                 | 1,169,481           |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . . | 80   | 33,135,000          | 25,133,493                                     | 14,352,753                                       | 639.69                        | 18,168                | 4,269   | 22,437             | 25,053             | 54,433,691          |
| Electroplating, . . . . .                                     | 41   | 218,416             | 130,669  | 105,557  | 656.97                        | 232                   | 20      | 252                | 314                | 447,969             |

|   |     |            |            |            |        |        |       |        |        |        |            |
|---|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Emery and other abrasive wheels, . . . . .                          | 11  | 3,303,914  | 1,188,760  | 832,387    | 741.22 | 1,088  | 35    | 1,123  | 1,008  | 1,217  | 3,432,091  |
| Enameling and japanning, . . . . .                                  | 11  | 174,433    | 139,762    | 64,968     | 488.71 | 88     | 45    | 133    | 108    | 157    | 298,463    |
| Engraving and dieinking, . . . . .                                  | 21  | 171,197    | 87,403     | 131,893    | 888.66 | 138    | 39    | 177    | 132    | 212    | 294,468    |
| Envelopes, . . . . .  | 11  | 5,431,933  | 2,203,548  | 1,033,700  | 499.61 | 780    | 1,339 | 2,069  | 1,903  | 2,228  | 5,718,991  |
| Fancy articles, not elsewhere specified, . . . . .                  | 18  | 600,973    | 332,062    | 230,862    | 451.92 | 281    | 221   | 502    | 341    | 697    | 838,439    |
| Felt goods, . . . . .   | 13  | 3,109,547  | 2,144,549  | 424,992    | 524.68 | 679    | 131   | 810    | 663    | 1,046  | 3,138,706  |
| Firearms, . . . . .   | 6   | 4,024,373  | 860,857    | 1,813,139  | 697.63 | 2,556  | 43    | 2,599  | 2,241  | 2,807  | 3,801,194  |
| Flavoring extracts, . . . . .                                       | 13  | 516,790    | 541,820    | 49,766     | 487.80 | 43     | 59    | 102    | 88     | 117    | 872,401    |
| Flour-mill and gristmill products, . . . . .                        | 70  | 1,934,082  | 3,580,884  | 90,889     | 640.77 | 138    | 4     | 143    | 141    | 147    | 3,927,428  |
| Food preparations, . . . . .  | 31  | 1,077,869  | 1,231,547  | 180,599    | 566.14 | 232    | 87    | 319    | 283    | 530    | 2,669,817  |
| Foundry and machine-shop products, . . . . .                        | 623 | 94,013,284 | 26,403,969 | 26,111,893 | 692.31 | 37,099 | 618   | 37,717 | 31,293 | 43,776 | 72,455,923 |
| Fur goods, . . . . .  | 11  | 544,576    | 349,013    | 145,035    | 801.30 | 94     | 87    | 181    | 120    | 231    | 666,448    |
| Furnishing goods, men's, . . . . .                                  | 15  | 556,073    | 549,194    | 176,036    | 436.73 | 66     | 338   | 404    | 290    | 524    | 976,294    |
| Furniture, . . . . .  | 116 | 19,641,765 | 6,470,338  | 4,679,363  | 567.06 | 7,339  | 713   | 8,262  | 7,094  | 9,533  | 14,883,126 |
| Galvanizing, . . . . .  | 3   | 24,806     | 19,422     | 10,219     | 729.93 | 14     | -     | 14     | 11     | 16     | 37,502     |
| Gas and electric fixtures, . . . . .                                | 11  | 157,017    | 143,973    | 100,675    | 766.96 | 130    | 3     | 133    | 116    | 157    | 356,356    |
| Glass, cutting, staining, and ornamenting, . . . . .                | 25  | 191,994    | 98,878     | 150,535    | 690.33 | 219    | 9     | 228    | 170    | 271    | 383,688    |
| Glue, . . . . .   | 9   | 2,990,207  | 1,416,170  | 265,761    | 471.92 | 423    | 119   | 543    | 419    | 622    | 2,283,214  |
| Gold and silver, leaf and foil, . . . . .                           | 11  | 90,471     | 134,998    | 69,299     | 567.78 | 63     | 59    | 132    | 112    | 184    | 244,148    |
| Gold and silver, reducing and refining, not from the ore, . . . . . | 7   | 966,979    | 1,733,043  | 79,940     | 747.10 | 87     | 20    | 107    | 102    | 111    | 2,004,326  |
| Grease and tallow, . . . . .  | 24  | 2,050,343  | 2,171,719  | 448,580    | 633.96 | 671    | 16    | 687    | 646    | 736    | 3,355,324  |
| Hand-knit goods, . . . . .  | 7   | 19,808     | 7,168      | 3,919      | 489.88 | 4      | 4     | 8      | 5      | 14     | 24,418     |
| Hand stamps and stencils and brands, . . . . .                      | 25  | 103,763    | 47,558     | 70,514     | 634.02 | 91     | 22    | 113    | 108    | 127    | 233,887    |

1 Includes stamped and enameled ware and tinware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
 A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used. | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |             |
|--|--|---------------------|--|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|-------------|
|  |  |                     |  |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |             |
|  |  |                     |  |  |                               | Males                 | Females |                    | Both<br>Sexes      |                     |             |
|  |  |                     |  |  |                               |                       |         |                    |                    |                     |             |
| The State — Continued.   |  |                     |  |  |                               |                       |         |                    |                    |                     |             |
| Hardware, . . . . .  | 40   | \$3,816,022         | \$1,431,631                                    | \$1,045,426                                      | \$622.65                      | 1,553                 | 126     | 1,679              | 1,411              | 1,978               | \$3,236,220 |
| Hats and caps, other than felt, straw, and<br>wool, . . . . .  | 30   | 210,723             | 387,275  | 179,526  | 608.56                        | 194                   | 101     | 296                | 255                | 352                 | 807,697     |
| Hats, felt, . . . . .  | 11   | 2,551,055           | 1,415,555                                      | 670,314  | 489.64                        | 833                   | 546     | 1,369              | 1,067              | 1,743               | 2,314,930   |
| Hats, straw, . . . . .   | 20   | 2,860,996           | 4,018,439                                      | 1,701,973  | 827.80                        | 1,040                 | 1,671   | 2,711              | 939                | 4,671               | 7,276,689   |
| Hosiery and knit goods, . . . . .  | 65   | 14,660,406          | 8,909,084                                      | 4,813,407  | 448.22                        | 2,932                 | 7,807   | 10,739             | 8,935              | 12,099              | 16,663,510  |
| House-furnishing goods, not elsewhere<br>specified, . . . . .  | 26   | 1,228,396           | 1,024,674                                      | 406,878  | 501.70                        | 583                   | 228     | 811                | 688                | 965                 | 1,898,551   |
| Instruments, professional and scientific, . . . . .  | 22   | 1,256,435           | 361,697  | 430,427  | 720.98                        | 528                   | 69      | 597                | 511                | 722                 | 1,367,741   |
| Iron and steel, steel works and rolling<br>mills, . . . . .  | 7  | 14,749,801          | 11,029,400                                     | 2,413,181  | 755.54                        | 3,056                 | 138     | 3,194              | 2,634              | 3,556               | 14,680,766  |
| Iron and steel, bolts, nuts, washers, and<br>rivets, not made in steel works or rolling<br>mills, . . . . .                        | 9  | 2,618,499           | 1,228,310                                      | 868,461  | 619.44                        | 978                   | 424     | 1,402              | 1,312              | 1,485               | 2,888,416   |
| Iron and steel forgings, . . . . .   | 11   | 1,714,608           | 816,738  | 543,874  | 827.81                        | 667                   | -       | 657                | 567                | 724                 | 2,389,038   |
| Iron and steel, nails and spikes, cut and<br>wrought, including wire nails, not made<br>in steel works or rolling mills, . . . . . | 23   | 2,520,616           | 1,706,984                                      | 731,036  | 590.97                        | 960                   | 287     | 1,237              | 1,012              | 1,362               | 3,299,363   |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

| Industries.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used. | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 | Value of Product |
|---|-----------------------------|------------------|------------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|------------------|
|   |                             |                  |                                    |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |                  |
|   |                             |                  |                                    |                                      |                         | Males                 | Females |                 |                 |                  |
|   |                             |                  |                                    |                                      |                         | Both Sexes            |         |                 |                 |                  |
| The State — Continued.  |                             |                  |                                    |                                      |                         |                       |         |                 |                 |                  |
| Mudlage and paste, . . . . .  | 14                          | \$694,837        | \$1,109,387                        | \$61,368                             | \$632.66                | 73                    | 24      | 97              | 87              | \$1,546,821      |
| Musical instruments and materials, not specified, . . . . .           | 14                          | 173,373          | 106,743                            | 92,961                               | 628.11                  | 139                   | 19      | 148             | 121             | 307,894          |
| Musical instruments, pianos and organs, and materials, . . . . .      | 50                          | 11,372,559       | 3,918,377                          | 2,783,394                            | 659.39                  | 3,944                 | 277     | 4,221           | 3,614           | 9,209,433        |
| Oil, not elsewhere specified, . . . . .                               | 16                          | 1,931,926        | 2,967,689                          | 191,525                              | 617.83                  | 301                   | 9       | 310             | 288             | 3,630,809        |
| Optical goods, . . . . .  | 10                          | 3,396,575        | 1,478,567                          | 1,473,968                            | 566.69                  | 1,862                 | 739     | 2,601           | 2,453           | 4,063,367        |
| Paints and varnishes, . . . . .                                       | 34                          | 3,178,651        | 3,167,215                          | 354,620                              | 822.23                  | 532                   | 37      | 569             | 494             | 5,326,779        |
| Paper and wood pulp, . . . . .  | 88                          | 50,197,776       | 29,931,380                         | 8,197,440                            | 871.17                  | 9,899                 | 4,463   | 14,352          | 13,079          | 48,402,886       |
| Paper goods, not elsewhere specified, . . . . .                       | 47                          | 6,701,644        | 5,949,327                          | 2,274,406                            | 533.40                  | 2,347                 | 1,917   | 4,264           | 3,804           | 10,960,906       |
| Patent medicines and compounds and druggists' preparations, . . . . . | 75                          | 4,662,782        | 4,061,616                          | 737,806                              | 408.52                  | 667                   | 828     | 1,486           | 1,196           | 8,940,786        |
| Photo-engraving, . . . . .  | 12                          | 271,337          | 106,539                            | 231,434                              | 873.99                  | 287                   | 35      | 322             | 296             | 712,569          |
| Plumbers' supplies, . . . . .   | 19                          | 1,166,788        | 737,613                            | 430,974                              | 613.08                  | 665                   | 38      | 703             | 570             | 1,431,661        |
| Reckstrbooks, . . . . .   | 6                           | 508,109          | 341,786                            | 200,589                              | 486.87                  | 136                   | 276     | 412             | 335             | 942,343          |
| Pottery, terra-cotta, and fire-clay products, . . . . .               | 15                          | 1,408,616        | 237,362                            | 315,994                              | 808.79                  | 488                   | 31      | 519             | 438             | 797,760          |
| Printing and publishing, . . . . .                                    | 131                         | 11,243,696       | 5,122,031                          | 4,712,508                            | 696.47                  | 4,651                 | 2,126   | 6,776           | 6,176           | 14,667,486       |

|   |    |            |            |           |        |       |       |       |       |       |            |
|---|----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Refrigerators, . . . . .  | 11 | 333,189    | 173,591    | 100,451   | 784.77 | 128   | -     | 128   | 78    | 177   | 444,327    |
| Regalia and society badges and emblems, . .                                   | 4  | 54,085     | 62,749     | 15,022    | 484.53 | 6     | 25    | 31    | 27    | 38    | 107,598    |
| Rubber goods, not elsewhere specified, . .                                    | 36 | 17,574,819 | 17,020,039 | 3,279,190 | 606.92 | 4,898 | 805   | 5,403 | 4,388 | 6,381 | 29,431,507 |
| Saddlery and harness, . . . . .   | 23 | 621,771    | 572,098    | 174,330   | 710.65 | 240   | 6     | 246   | 171   | 313   | 961,902    |
| Sausages, not made in slaughtering and meat-packing establishments, . . . . . | 46 | 1,094,837  | 3,463,579  | 270,785   | 676.96 | 387   | 3     | 400   | 356   | 455   | 4,345,499  |
| Scales and balances, . . . . .  | 3  | 72,832     | 12,531     | 7,482     | 466.38 | 15    | 1     | 16    | 15    | 23    | 34,100     |
| Screws, machine, . . . . .  | 16 | 1,232,406  | 439,976    | 360,006   | 603.46 | 532   | 28    | 550   | 533   | 713   | 1,028,029  |
| Shipbuilding, wooden, including boat building, . . . . .                      | 51 | 891,145    | 508,256    | 526,160   | 838.17 | 630   | -     | 630   | 301   | 896   | 1,428,662  |
| Shirts, . . . . .   | 13 | 738,227    | 1,454,272  | 888,812   | 483.65 | 436   | 1,431 | 1,917 | 1,464 | 2,115 | 3,390,668  |
| Shoddy, . . . . .   | 25 | 1,522,814  | 1,306,066  | 232,076   | 518.67 | 431   | 55    | 496   | 383   | 607   | 1,790,356  |
| Show cases, . . . . .   | 11 | 58,174     | 102,373    | 68,683    | 827.51 | 83    | -     | 83    | 65    | 108   | 219,168    |
| Signs and advertising novelties, . . . . .                                    | 11 | 203,492    | 126,317    | 108,463   | 663.16 | 110   | 49    | 159   | 132   | 183   | 333,129    |
| Silk and silk goods, including throwsters, . .                                | 16 | 8,968,277  | 6,036,727  | 2,061,185 | 461.42 | 1,374 | 3,093 | 4,467 | 4,012 | 4,823 | 10,781,460 |
| Silverware and plated ware, . . . . .   | 19 | 7,623,726  | 3,233,405  | 1,921,480 | 700.25 | 2,321 | 423   | 2,744 | 2,101 | 3,103 | 7,201,087  |
| Slaughtering and meat packing, . . . . .                                      | 38 | 15,751,418 | 48,660,065 | 1,831,625 | 576.53 | 3,152 | 25    | 3,177 | 2,967 | 3,447 | 54,312,644 |
| Soap, . . . . .   | 39 | 2,500,848  | 3,009,631  | 368,376   | 560.98 | 390   | 128   | 488   | 438   | 530   | 5,036,136  |
| Sporting and athletic goods, . . . . .  | 16 | 1,910,473  | 1,504,979  | 702,735   | 589.05 | 880   | 313   | 1,198 | 949   | 1,367 | 3,145,262  |
| Stationery goods, not elsewhere specified, . .                                | 19 | 2,379,304  | 2,160,943  | 944,432   | 518.37 | 681   | 948   | 1,629 | 1,455 | 1,807 | 4,396,578  |
| Statuary and art goods, . . . . .   | 10 | 249,681    | 53,724     | 69,376    | 653.05 | 106   | 1     | 107   | 83    | 151   | 199,522    |
| Steam fittings and heating apparatus, . . . .                                 | 29 | 8,060,006  | 3,650,254  | 2,363,287 | 666.55 | 3,480 | 110   | 3,590 | 3,161 | 3,870 | 7,624,486  |
| Steam packing, . . . . .  | 10 | 279,890    | 135,497    | 55,934    | 653.05 | 84    | 1     | 85    | 70    | 94    | 367,337    |
| Stereotyping and electrotyping, . . . . .                                     | 13 | 267,633    | 95,357     | 212,338   | 744.19 | 265   | 21    | 266   | 267   | 302   | 499,449    |
| Stoves and furnaces, not including gas and oil stoves, . . . . .              | 14 | 3,017,266  | 1,115,682  | 1,344,705 | 829.55 | 1,613 | 8     | 1,621 | 1,449 | 1,742 | 3,334,332  |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

| Industries.  | Number of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used. | Amount<br>of Wages<br>Paid<br>during<br>the Year | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|--|---------------------------------------|---------------------|--|--|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|  |                                       |                     |  |  | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|  |                                       |                     |  |  | Males                 | Females | Both<br>Sexes |                    |                    |                     |
|  |                                       |                     |  |  |                       |         |               |                    |                    |                     |
| The State — Concluded.                                     |                                       |                     |  |  |                       |         |               |                    |                    |                     |
| Structural ironwork, . . . . .                             | 49                                    | \$3,178,523         | \$2,533,281                                    | \$1,296,166                                      | 1,667                 | -       | 1,667         | 1,351              | 1,960              | \$4,790,064         |
| Surgical appliances, . . . . .                             | 12                                    | 566,438             | 902,014  | 140,915  | 153                   | 88      | 241           | 220                | 263                | 1,309,971           |
| Suspenders, garters, and elastic woven<br>goods, . . . . . | 31                                    | 5,693,155           | 4,216,811                                      | 1,493,693  | 1,001                 | 2,100   | 3,101         | 2,700              | 3,603              | 7,559,507           |
| Tobacco manufactures, . . . . .                            | 315                                   | 4,275,698           | 3,833,414                                      | 3,238,992  | 2,977                 | 1,174   | 4,151         | 3,614              | 4,658              | 9,465,294           |
| Toys and games, . . . . .                                  | 11                                    | 1,264,530           | 977,101  | 585,422  | 827                   | 419     | 1,246         | 789                | 1,655              | 2,187,715           |
| Trunks and valises, . . . . .                              | 19                                    | 748,515             | 728,263  | 290,113  | 337                   | 114     | 451           | 289                | 554                | 1,388,713           |
| Type founding and printing materials, . . . . .            | 8                                     | 265,091             | 83,599   | 80,493   | 86                    | 23      | 108           | 107                | 134                | 270,738             |
| Upholstering materials, . . . . .                          | 3                                     | 482,065             | 596,489  | 70,092   | 119                   | 4       | 123           | 104                | 153                | 853,082             |
| Vinegar and cider, . . . . .                               | 13                                    | 398,749             | 145,657  | 21,692   | 32                    | -       | 32            | 20                 | 59                 | 235,940             |
| Waste, . . . . .   | 9                                     | 1,776,124           | 3,207,615                                      | 266,089  | 385                   | 256     | 641           | 565                | 727                | 3,788,093           |
| Watch and clock materials, . . . . .                       | 6                                     | 137,487             | 39,620   | 91,284   | 60                    | 110     | 170           | 122                | 194                | 196,176             |
| Whips, . . . . .   | 22                                    | 2,436,536           | 1,371,596                                      | 573,575  | 784                   | 339     | 1,123         | 1,004              | 1,274              | 3,225,263           |
| Window shades and fixtures, . . . . .                      | 8                                     | 133,467             | 232,280  | 22,150   | 50                    | 7       | 57            | 48                 | 64                 | 306,660             |
| Wire, . . . . .  | 7                                     | 8,452,020           | 4,810,389                                      | 2,455,366  | 3,172                 | 92      | 3,264         | 2,592              | 3,744              | 8,974,538           |
| Wirework, including wire rope and cable, . . . . .         | 31                                    | 5,894,887           | 3,160,373                                      | 1,472,201  | 2,088                 | 498     | 2,546         | 2,260              | 2,796              | 6,001,514           |

|  |     |             |            |            |        |        |        |        |        |        |             |
|--|-----|-------------|------------|------------|--------|--------|--------|--------|--------|--------|-------------|
| Wood, turned and carved, . . . . .               | 47  | 1,566,924   | 724,547    | 565,367    | 434.90 | 1,477  | 23     | 1,300  | 1,055  | 1,556  | 1,715,073   |
| Wooden goods, not elsewhere specified, . . . . . | 26  | 458,002     | 265,374    | 150,819    | 558.89 | 240    | 30     | 270    | 213    | 317    | 555,062     |
| Wool scouring, . . . . .                         | 11  | 1,640,375   | 473,549    | 355,515    | 555.22 | 577    | 31     | 608    | 285    | 552    | 1,065,324   |
| Woolen and worsted goods, . . . . .              | 166 | 127,318,944 | 72,626,394 | 25,955,902 | 481.94 | 29,033 | 20,071 | 49,709 | 36,991 | 59,316 | 119,359,387 |
| All other industries, <sup>1</sup> . . . . .     | 153 | 95,856,518  | 64,873,279 | 15,938,297 | 616.40 | 12,727 | 6,130  | 25,587 | 22,347 | 29,337 | 95,285,495  |

<sup>1</sup> Embroose Ammunition, 3; Artificial flowers, 2; Artificial limbs, 5; Axe greases, 1; Babbitt metal and solder, 2; Bags, other than paper, 4; Bags, paper, 2; Baking powders and yeast, 4; Belting and hose, rubber, 2; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, reworking, 1; Cars, and general shop construction and repairs by street railroad companies, 2; Cars, steam-railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; China decorating, 1; Chocolate and cocoa products, 5; Clothing, horse, 2; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, 1; Cork, cutting, 2; Crucibles, 2; Drug grinding, 1; Engravers' materials, 1; Explosives, 2; Fertilizers, 3; Files, 4; Fire extinguishers, chemical, 1; Fireworks, 3; Foundry supplies, 1; Gas machine and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 3; Hairwork, 2; Hammocks, 3; Hat and cap materials, 2; Hats, wool, 2; Horsehoes, not made in steel works or rolling mills, 3; Ice, manufactured, 6; Ink, printing, 1; Ink, writing, 4; Iron and steel blast furnaces, 1; Iron and steel doors and shutters, 1; Jute and jute goods, 3; Lead, bar, pipe, and sheet, 1; Mats and matting, 1; Needles, pins, and hooks and eyes, 2; Nets and seines, 2; Oilcloth, enameled, 4; Paper patterns, 1; Paving materials, 1; Pens, fountain and stylographic, 2; Pens, gold, 2; Phonographs and graphophones, 1; Photographic materials, 2; Pipes, tobacco, 3; Pumps, not including steam pumps, 2; Roofing materials, 3; Sand and emery paper and cloth, 2; Saws, 8; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 4; Soda-water apparatus 3; Springs, steel, car and carriage, 3; Starch, 4; Stoves, gas and oil, 3; Sugar and molasses refining, not including beet sugar, 3; Sulphuric, nitric, and mixed acids, 1; Typewriters and supplies, 1; Umbrellas and canes, 4; Wall paper, 2; Washing machines and clothes wringers, 1; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES.

| CITIES AND INDUSTRIES.                             | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used. | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |        | Value of<br>Product |
|--|--|---------------------|--|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------|---------------------|
|  |  |                     |  |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |        |                     |
|  |  |                     |  |  |                               | Males                 | Females |                    | Both<br>Sexes      |        |                     |
|  |  |                     |  |  |                               |                       |         |                    |                    |        |                     |
| BEVERLY.   |  |                     |  |  |                               |                       |         |                    |                    |        |                     |
| Boot and shoe cut stock and findings, . . . . .    | 44   | \$5,561,738         | \$3,144,554                                    | \$3,667,149                                      | \$740.39                      | 4,463                 | 695     | 4,953              | 4,375              | 5,638  | \$7,636,331         |
| Boots and shoes, . . . . .                         | 7  | 143,561             | 107,565  | 18,201   | 587.13                        | 29                    | 2       | 31                 | 23                 | 41     | 167,828             |
| Bread and other bakery products, . . . . .         | 13   | 1,040,409           | 1,942,083                                      | 845,696  | 583.44                        | 924                   | 528     | 1,452              | 1,180              | 1,737  | 3,240,355           |
| Other industries, . . . . .                        | 5  | 10,028              | 44,746   | 10,946   | 643.88                        | 16                    | 1       | 17                 | 16                 | 17     | 84,833              |
|  | 19   | 4,370,802           | 1,050,160                                      | 2,792,306  | 808.66                        | 3,289                 | 164     | 3,453              | 3,156              | 3,843  | 4,043,245           |
| BOSTON.  |  |                     |  |  |                               |                       |         |                    |                    |        |                     |
| Automobiles, including bodies and parts, . . . . . | 2,104                                      | 168,486,878         | 142,300,638                                    | 46,779,211                                       | 682.11                        | 49,337                | 24,357  | 75,194             | 61,363             | 89,081 | \$53,333,872        |
| Awnings, tents, and sails, . . . . .               | 13   | 251,896             | 120,387  | 159,830  | 772.13                        | 205                   | 2       | 207                | 163                | 266    | 442,963             |
| Belting and hose, leather, . . . . .               | 22   | 195,686             | 348,332  | 128,581  | 609.39                        | 128                   | 83      | 211                | 142                | 315    | 590,078             |
| Billiard tables and materials, . . . . .           | 4  | 325,513             | 669,561  | 41,324   | 779.70                        | 50                    | 3       | 53                 | 52                 | 54     | 835,374             |
| Blacking, . . . . .                                | 8  | 86,908              | 52,871   | 16,222   | 553.79                        | 19                    | -       | 19                 | 18                 | 22     | 102,499             |
|  | 13   | 317,145             | 342,591  | 55,565   | 529.19                        | 46                    | 57      | 105                | 88                 | 133    | 597,980             |
| Bookbinding and blank-book making, . . . . .       | 28   | 767,098             | 365,535  | 577,174  | 560.91                        | 442                   | 587     | 1,029              | 888                | 1,211  | 1,432,421           |
| Boot and shoe cut stock and findings, . . . . .    | 33   | 5,326,662           | 13,246,818                                     | 747,322  | 588.91                        | 998                   | 271     | 1,269              | 911                | 1,544  | 15,541,547          |
| Boots and shoes, . . . . .                         | 15   | 8,331,306           | 8,436,003                                      | 3,905,246  | 564.91                        | 3,941                 | 2,972   | 6,913              | 5,857              | 7,321  | 14,650,330          |
| Bones, fancy and paper, . . . . .                  | 20   | 513,548             | 680,013  | 444,314  | 460.43                        | 263                   | 682     | 965                | 875                | 1,064  | 1,436,413           |
| Bones, wooden packing, . . . . .                   | 4  | 19,805              | 65,474   | 27,943   | 498.98                        | 54                    | 2       | 56                 | 50                 | 59     | 119,420             |
| Brass and bronze products, . . . . .               | 23   | 242,944             | 241,691  | 171,587  | 749.29                        | 229                   | -       | 229                | 196                | 257    | 645,064             |
| Bread and other bakery products, . . . . .         | 153  | 3,007,267           | 4,940,948                                      | 1,193,264  | 533.90                        | 1,473                 | 763     | 2,235              | 2,081              | 2,365  | 10,072,497          |

|   |     |            |           |           |        |       |       |       |       |            |
|---|-----|------------|-----------|-----------|--------|-------|-------|-------|-------|------------|
| Canning and preserving, . . . . .                             | 21  | 793,333    | 1,339,320 | 182,748   | 558.86 | 189   | 327   | 297   | 413   | 1,857,386  |
| Carriages and wagons and materials, . .                       | 11  | 294,280    | 176,963   | 175,122   | 738.92 | -     | 287   | 180   | 276   | 471,173    |
| Cleaning and polishing preparations, . .                      | 6   | 108,410    | 173,147   | 17,138    | 519.33 | 19    | 33    | 27    | 40    | 306,514    |
| Cloth, sponging and refinishing, . . . .                      | 4   | 32,788     | 1,795     | 35,254    | 685.17 | -     | 53    | 43    | 59    | 61,845     |
| Clothing, men's, including shirts, . . .                      | 173 | 7,283,639  | 8,256,611 | 2,875,305 | 637.25 | 2,228 | 4,894 | 3,392 | 5,819 | 16,702,004 |
| Clothing, women's, . . . . .                                  | 128 | 2,963,101  | 4,853,376 | 2,104,384 | 559.38 | 1,086 | 3,762 | 2,507 | 4,712 | 9,243,252  |
| Coffee and spice, roasting and grinding, .                    | 13  | 2,243,932  | 5,533,181 | 222,431   | 630.09 | 212   | 333   | 324   | 377   | 7,217,405  |
| Confectionery, . . . . .                                      | 52  | 7,411,736  | 9,699,909 | 2,069,958 | 378.42 | 1,254 | 5,470 | 4,150 | 6,880 | 18,161,583 |
| Copper, tin, and sheet-iron products, . .                     | 65  | 2,294,935  | 2,028,765 | 1,022,084 | 608.75 | 1,449 | 1,679 | 1,451 | 1,946 | 4,184,146  |
| Cordials and sirups, . . . . .                                | 7   | 228,393    | 380,194   | 40,953    | 671.36 | 41    | 61    | 58    | 78    | 614,481    |
| Cutlery and tools, not elsewhere specified, .                 | 16  | 3,203,718  | 771,285   | 580,068   | 558.36 | 481   | 1,040 | 738   | 1,400 | 3,245,773  |
| Dentists' materials, . . . . .                                | 8   | 84,462     | 443,468   | 39,869    | 595.06 | 40    | 67    | 60    | 70    | 543,087    |
| Dyestuffs and extracts, . . . . .                             | 9   | 355,655    | 447,404   | 37,856    | 630.93 | 59    | 60    | 54    | 67    | 626,922    |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . . | 21  | 4,953,494  | 3,805,924 | 1,309,220 | 636.16 | 1,621 | 2,058 | 1,531 | 2,637 | 6,828,965  |
| Electroplating, . . . . .                                     | 17  | 66,172     | 34,429    | 72,094    | 774.56 | 98    | 93    | 76    | 108   | 170,802    |
| Engraving and disinking, . . . . .                            | 7   | 106,712    | 69,065    | 59,365    | 568.66 | 63    | 100   | 89    | 113   | 190,917    |
| Fancy articles, not elsewhere specified, .                    | 10  | 175,046    | 83,789    | 56,223    | 468.53 | 38    | 130   | 54    | 218   | 249,815    |
| Flavoring extracts, . . . . .                                 | 6   | 321,546    | 340,577   | 25,461    | 530.44 | 21    | 43    | 43    | 55    | 516,330    |
| Food preparations, . . . . .                                  | 12  | 601,240    | 785,942   | 114,746   | 594.54 | 141   | 193   | 129   | 284   | 1,828,866  |
| Foundry and machine-shop products, . .                        | 133 | 14,619,901 | 4,613,273 | 4,305,216 | 738.71 | 5,762 | 5,838 | 4,320 | 7,000 | 12,971,641 |
| Fur goods, . . . . .  | 10  | 624,526    | 303,029   | 141,579   | 795.39 | 92    | 178   | 107   | 225   | 606,968    |
| Furnishing goods, men's, . . . . .                            | 7   | 363,620    | 424,127   | 102,883   | 492.36 | 39    | 209   | 143   | 273   | 711,117    |
| Furniture, . . . . .  | 43  | 850,991    | 985,618   | 581,993   | 710.35 | 744   | 819   | 685   | 965   | 2,111,601  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| BOSTON — Continued.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Galvanising, . . . . .  | 3  | \$24,805            | \$19,422                                      | \$10,219   | \$729.93                      | 14                    | —       | 14                 | 11                 | 10                  | \$37,502      |
| Gas and electric fixtures, . . . .                            | 8  | 132,952             | 123,020                                       | 85,138   | 903.19                        | 100                   | —       | 106                | 97                 | 121                 | 302,793       |
| Glass, cutting, staining, and ornamenting, .                  | 14   | 81,040              | 47,284  | 83,436   | 731.86                        | 111                   | 3       | 114                | 94                 | 129                 | 201,174       |
| Hand stamps and stencils and brands, . .                      | 15   | 45,090              | 18,806  | 47,579   | 779.96                        | 59                    | 2       | 61                 | 56                 | 69                  | 138,366       |
| Hardware, . . . . .   | 12   | 630,438             | 124,389                                       | 107,011  | 718.19                        | 117                   | 32      | 149                | 127                | 181                 | 267,063       |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Hats and caps, other than felt, straw, and<br>wool, . . . . . | 25   | 193,772             | 376,833                                       | 173,586  | 611.22                        | 188                   | 96      | 284                | 245                | 338                 | 777,927       |
| Hosiery and knit goods, . . . . .                             | 9  | 1,018,416           | 902,682                                       | 301,381  | 410.60                        | 74                    | 690     | 734                | 610                | 894                 | 1,490,119     |
| House-furnishing goods, not elsewhere<br>specified, . . . . . | 5  | 42,374              | 89,266  | 21,387   | 582.82                        | 23                    | 15      | 38                 | 33                 | 42                  | 140,411       |
| Instruments, professional and scientific, .                   | 12   | 1,046,432           | 288,790                                       | 349,301  | 717.09                        | 453                   | 57      | 515                | 447                | 615                 | 1,108,110     |
| Jewelry, . . . . .  | 16   | 391,260             | 281,429                                       | 199,579  | 718.56                        | 196                   | 40      | 236                | 203                | 361                 | 630,224       |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Jewelry and instrument cases, . . . .                         | 6  | 103,296             | 85,806  | 68,074   | 493.29                        | 45                    | 93      | 138                | 111                | 164                 | 192,591       |
| Leather goods, not elsewhere specified, .                     | 12   | 336,967             | 409,243                                       | 151,652  | 539.69                        | 116                   | 165     | 281                | 183                | 358                 | 770,980       |
| Leather, tanned, curried, and finished, .                     | 5  | 126,625             | 92,902  | 30,960   | 672.88                        | 46                    | —       | 46                 | 32                 | 83                  | 170,868       |
| Liquors, malt, . . . . .                                      | 17   | 14,148,317          | 2,318,826                                     | 1,118,746  | 962.78                        | 1,154                 | 8       | 1,162              | 1,108              | 1,221               | 8,647,997     |
| Looking-glass and picture frames, . .                         | 14   | 127,836             | 120,368                                       | 67,594   | 671.92                        | 101                   | —       | 101                | 94                 | 117                 | 283,445       |

|   |    |           |           |           |        |       |       |       |       |       |           |
|---|----|-----------|-----------|-----------|--------|-------|-------|-------|-------|-------|-----------|
| Lumber, planing-mill products, . . .                              | 51 | 1,401,037 | 1,729,409 | 703,494   | 787.11 | 948   | 2     | 970   | 768   | 1,180 | 3,175,070 |
| Marble and stone work, . . .                                      | 12 | 742,143   | 413,132   | 437,507   | 866.35 | 505   | -     | 505   | 322   | 703   | 1,175,837 |
| Mattresses and spring beds, . . .                                 | 18 | 719,515   | 1,078,033 | 233,924   | 563.95 | 300   | 117   | 507   | 432   | 579   | 1,323,922 |
| Millinery and lace goods, . . .                                   | 59 | 1,231,316 | 1,940,392 | 530,264   | 431.40 | 100   | 1,037 | 1,206 | 828   | 1,011 | 3,046,685 |
| Mineral and soda waters, . . .                                    | 17 | 723,312   | 539,863   | 95,355    | 707.81 | 137   | 2     | 139   | 99    | 213   | 1,277,868 |
| Mirrors, . . .  | 6  | 68,535    | 225,775   | 80,622    | 666.18 | 91    | -     | 91    | 84    | 102   | 337,709   |
| Models and patterns, not including paper patterns, . . .          | 21 | 103,008   | 37,477    | 113,490   | 816.47 | 133   | 6     | 139   | 103   | 109   | 238,130   |
| Mucilage and paste, . . .   | 4  | 99,217    | 201,266   | 17,904    | 813.53 | 19    | 3     | 22    | 20    | 22    | 273,514   |
| Musical instruments and materials, not specified, . . .           | 10 | 132,620   | 82,300    | 75,143    | 670.93 | 97    | 15    | 112   | 91    | 129   | 237,378   |
| Musical instruments, pianos and organs, and materials, . . .      | 16 | 4,263,064 | 1,575,713 | 1,035,700 | 732.62 | 1,396 | 45    | 1,441 | 1,142 | 1,519 | 3,441,525 |
| Oil, not elsewhere specified, . . .                               | 5  | 334,936   | 1,503,554 | 92,028    | 631.90 | 135   | -     | 135   | 127   | 144   | 1,372,011 |
| Paints and varnishes, . . .                                       | 10 | 961,459   | 832,037   | 94,321    | 615.72 | 144   | 10    | 154   | 140   | 168   | 1,397,308 |
| Paper goods, not elsewhere specified, . . .                       | 10 | 450,933   | 123,566   | 66,456    | 414.88 | 59    | 106   | 165   | 114   | 214   | 237,500   |
| Patent medicines and compounds and druggists' preparations, . . . | 39 | 2,363,493 | 2,842,331 | 433,034   | 469.00 | 367   | 535   | 902   | 712   | 1,077 | 5,264,240 |
| Photo-engraving, . . .  | 7  | 190,226   | 83,575    | 185,612   | 879.68 | 203   | 8     | 211   | 196   | 226   | 527,328   |
| Plumbers' supplies, . . .   | 7  | 240,450   | 114,912   | 97,193    | 730.77 | 133   | -     | 133   | 105   | 149   | 261,625   |
| Pottery, terra-cotta, and fire-clay products, . . .               | 4  | 125,015   | 45,209    | 76,173    | 551.98 | 114   | 24    | 138   | 138   | 213   | 150,551   |
| Printing and publishing, . . .                                    | 63 | 2,892,867 | 1,450,195 | 1,515,132 | 713.34 | 1,504 | 630   | 2,124 | 1,377 | 2,437 | 4,332,928 |
| Refrigerators, . . .  | 7  | 194,725   | 126,526   | 79,537    | 864.53 | 92    | -     | 92    | 60    | 117   | 347,949   |
| Rubber goods, not elsewhere specified, . . .                      | 7  | 506,561   | 385,105   | 163,016   | 492.50 | 193   | 133   | 331   | 260   | 413   | 734,109   |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used. | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product. |  |
|---|--|---------------------|--|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|----------------------|--|
|   |  |                     |  |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                      |  |
|   |  |                     |  |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                      |  |
|   |  |                     |  |  |                               |                       |         |               |                    |                    |                      |  |
| BOSTON — Concluded.   |  |                     |  |  |                               |                       |         |               |                    |                    |                      |  |
| Saddlery and harness, . . . . .   | 12   | \$97,083            | \$105,914                                      | \$35,770   | \$312.96                      | 44                    | -       | 44            | 43                 | 50                 | \$203,760            |  |
| Sausage, not made in slaughtering and<br>meat-packing establishments, . . . . | 14   | 338,333             | 1,179,520                                      | 108,439  | 600.60                        | 156                   | 1       | 157           | 141                | 186                | 1,568,763            |  |
| Screws, machine, . . . . .  | 6  | 220,722             | 121,132  | 71,946   | 741.71                        | 91                    | 6       | 97            | 87                 | 108                | 246,730              |  |
| Shipbuilding, wooden, including boat<br>building, . . . . .                   | 10   | 454,878             | 276,714  | 316,830  | 926.40                        | 343                   | -       | 342           | 125                | 503                | 767,292              |  |
| Show cases, . . . . .   | 8  | 58,220              | 81,013   | 55,700   | 831.34                        | 67                    | -       | 67            | 53                 | 85                 | 174,318              |  |
| Signs and advertising novelties, . . . .                                      | 4  | 50,900              | 45,377   | 46,064   | 818.67                        | 52                    | 5       | 57            | 47                 | 64                 | 129,128              |  |
| Slaughtering and meat packing, . . . .  | 7  | 160,463             | 2,861,332                                      | 48,321   | 847.74                        | 57                    | -       | 57            | 52                 | 61                 | 3,149,400            |  |
| Soap, . . . . .   | 12   | 263,245             | 246,364  | 40,141   | 637.16                        | 58                    | 5       | 63            | 57                 | 70                 | 538,094              |  |
| Stationary goods, . . . . .   | 4  | 260,333             | 240,373  | 79,724   | 453.24                        | 79                    | 96      | 174           | 151                | 208                | 542,787              |  |
| Statuary and art goods, . . . . .   | 10   | 249,681             | 53,724   | 69,876   | 653.05                        | 106                   | 1       | 107           | 82                 | 151                | 199,522              |  |
| Steam fittings and heating apparatus, . .                                     | 15   | 4,994,625           | 1,769,259                                      | 1,311,104  | 673.40                        | 1,849                 | 98      | 1,947         | 1,728              | 2,121              | 4,196,984            |  |
| Steam packing, . . . . .  | 5  | 113,490             | 50,005   | 31,854   | 723.95                        | 43                    | 1       | 44            | 35                 | 49                 | 171,679              |  |
| Stereotyping and electrotyping, . . . .                                       | 6  | 163,092             | 76,090   | 157,096  | 867.93                        | 181                   | -       | 181           | 169                | 190                | 354,444              |  |
| Structural ironwork, . . . . .  | 21   | 653,368             | 569,720  | 389,899  | 806.41                        | 480                   | -       | 480           | 292                | 548                | 1,176,077            |  |
| Suspenders, garters, and elastic woven goods,                                 | 8  | 1,209,216           | 1,492,186                                      | 270,283  | 409.61                        | 92                    | 812     | 904           | 815                | 1,032              | 2,571,453            |  |

|   |     |            |            |            |        |        |       |        |        |        |            |
|---|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Tobacco manufactures, . . . . .                       | 101 | 3,126,083  | 2,332,008  | 2,424,357  | 840.33 | 2,161  | 724   | 2,885  | 2,528  | 3,210  | 6,948,314  |
| Trunks and valises, . . . . .                         | 13  | 164,561    | 168,300    | 81,003     | 66.98  | 111    | 23    | 134    | 97     | 102    | 351,666    |
| Type founding and printing materials, . . . . .       | 8   | 203,091    | 88,999     | 80,493     | 745.31 | 86     | 22    | 108    | 107    | 124    | 270,755    |
| Window shades and fixtures, . . . . .                 | 4   | 88,322     | 60,017     | 8,860      | 583.75 | 13     | 3     | 16     | 12     | 19     | 97,576     |
| Wirework, including wire rope and cable, . . . . .    | 5   | 44,147     | 40,263     | 31,537     | 700.82 | 44     | 1     | 45     | 39     | 49     | 108,239    |
| Wood, turned and carved, . . . . .                    | 7   | 87,525     | 26,560     | 16,540     | 481.14 | 25     | -     | 35     | 21     | 57     | 61,295     |
| Other industries, . . . . .                           | 169 | 33,246,209 | 35,294,254 | 8,335,235  | 636.71 | 10,203 | 2,838 | 13,091 | 11,664 | 14,367 | 50,297,252 |
| BROCKTON.   |     |            |            |            |        |        |       |        |        |        |            |
| Blacking, . . . . .                                   | 154 | 23,575,870 | 33,334,065 | 10,379,808 | 679.22 | 11,786 | 4,376 | 16,162 | 13,767 | 18,146 | 55,480,688 |
| Boot and shoe cut stock and findings, . . . . .       | 13  | 213,588    | 263,769    | 34,559     | 810.67 | 37     | 6     | 43     | 33     | 47     | 522,186    |
| Boots and shoes, . . . . .                            | 45  | 3,239,263  | 6,206,476  | 943,224    | 582.89 | 1,117  | 889   | 1,706  | 1,419  | 2,106  | 9,041,813  |
| Boxes and shoe, . . . . .                             | 33  | 15,760,523 | 23,592,691 | 8,595,993  | 702.51 | 8,939  | 3,297 | 12,236 | 10,576 | 13,461 | 37,601,925 |
| Boxes, fancy and paper, . . . . .                     | 6   | 226,804    | 147,095    | 98,109     | 415.72 | 63     | 173   | 226    | 202    | 279    | 305,641    |
| Boxes, wooden packing, . . . . .                      | 4   | 168,253    | 137,890    | 42,281     | 621.78 | 68     | -     | 68     | 58     | 78     | 199,904    |
| Bread and other bakery products, . . . . .            | 9   | 58,283     | 192,948    | 50,991     | 835.92 | 61     | -     | 61     | 57     | 65     | 349,470    |
| Carriages and wagons and materials, . . . . .         | 3   | 41,428     | 13,310     | 14,008     | 824.00 | 17     | -     | 17     | 15     | 19     | 51,800     |
| Confectionery, . . . . .                              | 3   | 351,920    | 314,566    | 66,765     | 430.74 | 67     | 88    | 155    | 125    | 204    | 560,887    |
| Cutlery and tools, not elsewhere specified, . . . . . | 9   | 124,368    | 46,161     | 92,106     | 868.92 | 106    | -     | 106    | 96     | 116    | 209,557    |
| Foundry and machine-shop products, . . . . .          | 8   | 380,958    | 91,820     | 136,610    | 767.47 | 178    | -     | 178    | 161    | 201    | 405,966    |
| Leats, . . . . .                                      | 8   | 960,039    | 219,797    | 224,133    | 875.52 | 265    | 1     | 266    | 232    | 315    | 655,841    |
| Other industries, . . . . .                           | 43  | 2,369,446  | 1,767,542  | 680,229    | 618.39 | 878    | 222   | 1,100  | 788    | 1,256  | 3,575,148  |
| CAMBRIDGE.  |     |            |            |            |        |        |       |        |        |        |            |
| Automobiles, including bodies and parts, . . . . .    | 243 | 34,813,464 | 20,666,365 | 9,843,301  | 598.75 | 11,536 | 4,863 | 16,448 | 14,016 | 18,497 | 61,983,096 |
| Bookbinding and blank-book making, . . . . .          | 6   | 166,637    | 67,983     | 99,761     | 890.01 | 115    | 1     | 116    | 100    | 144    | 245,962    |
| Boxes, paper and wooden, . . . . .                    | 5   | 496,594    | 174,987    | 168,361    | 516.44 | 153    | 173   | 326    | 312    | 352    | 454,232    |
| Boxes, paper and wooden, . . . . .                    | 5   | 597,924    | 367,296    | 249,298    | 465.11 | 226    | 310   | 536    | 500    | 566    | 794,662    |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|  |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |
|  |  |                     |   |  |                               |                       |         |                    |                    |                     |
| CAMBRIDGE — Concluded.   |  |                     |   |  |                               |                       |         |                    |                    |                     |
| Bread and other bakery products, . . .                                 | 33   | \$1,368,566         | \$2,252,391                                   | \$626,828  | \$602.72                      | 772                   | 298     | 1,040              | 958                | \$4,224,507         |
| Carriages and wagons and materials, . . .                              | 4  | 69,310              | 51,010  | 47,825   | 713.81                        | 67                    | -       | 67                 | 51                 | 131,988             |
| Chemicals, . . .   | 4  | 264,311             | 68,268  | 19,610   | 754.23                        | 25                    | 1       | 26                 | 19                 | 106,017             |
| Clothing, men's, . . .   | 3  | 467,788             | 528,400                                       | 201,022  | 529.01                        | 130                   | 250     | 380                | 300                | 910,442             |
| Confectionery, . . .   | 14   | 1,396,500           | 1,720,420                                     | 397,065  | 374.59                        | 302                   | 788     | 1,060              | 923                | 2,681,090           |
| Copper, tin, and sheet-iron products, . . .                            | 7  | 520,651             | 424,623                                       | 133,832  | 608.33                        | 210                   | 10      | 220                | 187                | 691,212             |
| Foundry and machine-shop products, . . .                               | 16   | 4,414,525           | 1,452,963                                     | 1,212,806  | 713.42                        | 1,611                 | 89      | 1,700              | 1,454              | 3,374,731           |
| Furniture, . . .   | 11   | 1,310,989           | 405,543                                       | 593,929  | 769.34                        | 760                   | 12      | 772                | 639                | 1,375,001           |
| Looking-glass and picture frames, . . .                                | 3  | 8,488               | 5,350   | 4,598  | 656.86                        | 7                     | -       | 7                  | 4                  | 15,885              |
| Lumber, planing-mill products, . . .                                   | 7  | 632,909             | 650,735                                       | 242,170  | 858.76                        | 282                   | -       | 282                | 232                | 1,102,599           |
| Marble and stone work, . . .   | 7  | 212,143             | 114,612                                       | 135,465  | 921.53                        | 147                   | -       | 147                | 79                 | 332,322             |
| Musical instruments, pianos and organs,<br>and materials, . . .        | 7  | 3,173,543           | 823,552                                       | 645,911  | 617.51                        | 914                   | 132     | 1,046              | 921                | 2,060,482           |
| Patent medicines and compounds and drug-<br>gists' preparations, . . . | 4  | 232,183             | 131,895                                       | 69,314   | 537.32                        | 65                    | 64      | 129                | 119                | 321,127             |
| Printing and publishing, . . .   | 6  | 2,160,780           | 1,314,125                                     | 1,128,540  | 690.24                        | 975                   | 660     | 1,635              | 1,560              | 3,057,997           |
| Slaughtering and meat packing, . . .                                   | 4  | 44,324              | 534,888                                       | 21,313   | 734.93                        | 29                    | -       | 29                 | 29                 | 604,561             |

|   |     |            |            |            |        |        |        |        |        |        |            |
|---|-----|------------|------------|------------|--------|--------|--------|--------|--------|--------|------------|
| Structural ironwork, . . . . .                  | 9   | 764,890    | 562,004    | 205,970    | 707.83 | 291    | -      | 291    | 255    | 234    | 983,143    |
| Tobacco manufactures, . . . . .                 | 4   | 15,021     | 27,146     | 8,484      | 848.40 | 8      | 2      | 10     | 8      | 14     | 45,044     |
| Wood, turned and carved, . . . . .              | 4   | 79,081     | 8,359      | 14,317     | 681.76 | 19     | 2      | 31     | 18     | 26     | 33,110     |
| Other industries, . . . . .                     | 80  | 16,431,718 | 17,868,645 | 3,631,873  | 548.10 | 4,477  | 2,131  | 6,608  | 5,348  | 7,391  | 28,286,963 |
| CHILE.  |     |            |            |            |        |        |        |        |        |        |            |
| Boots and shoes, . . . . .                      | 96  | 9,459,839  | 8,061,408  | 3,570,806  | 631.68 | 4,184  | 1,660  | 6,744  | 4,903  | 6,494  | 16,167,468 |
| Boxes, fancy and paper, . . . . .               | 5   | 1,433,208  | 2,834,032  | 1,210,993  | 583.06 | 1,424  | 746    | 2,170  | 1,989  | 2,416  | 4,688,968  |
| Bread and other bakery products, . . . . .      | 3   | 213,110    | 172,092    | 76,873     | 402.48 | 69     | 122    | 191    | 182    | 237    | 317,066    |
| Foundry and machine-shop products, . . . . .    | 13  | 108,278    | 157,590    | 47,560     | 767.53 | 62     | -      | 62     | 56     | 68     | 286,115    |
| Lumber, planing-mill products, . . . . .        | 3   | 84,076     | 23,915     | 38,332     | 780.24 | 49     | -      | 49     | 47     | 51     | 96,800     |
| Tobacco manufactures, . . . . .                 | 4   | 17,680     | 31,860     | 17,196     | 781.64 | 23     | -      | 22     | 20     | 27     | 64,467     |
| Other industries, . . . . .                     | 8   | 9,481      | 12,641     | 7,174      | 633.18 | 8      | 3      | 11     | 11     | 12     | 37,553     |
| Other industries, . . . . .                     | 60  | 7,517,007  | 8,729,673  | 2,172,847  | 670.84 | 2,350  | 689    | 3,239  | 2,678  | 3,093  | 10,676,791 |
| CHICAGO.  |     |            |            |            |        |        |        |        |        |        |            |
| Bread and other bakery products, . . . . .      | 40  | 25,069,397 | 17,336,172 | 6,890,898  | 596.07 | 6,741  | 2,208  | 9,043  | 7,812  | 10,317 | 31,186,891 |
| Brick and tile, . . . . .                       | 5   | 48,781     | 70,916     | 18,153     | 789.43 | 23     | -      | 23     | 21     | 25     | 117,080    |
| Other industries, . . . . .                     | 30  | 22,866,178 | 17,238,832 | 5,339,125  | 598.97 | 6,640  | 2,302  | 8,942  | 7,778  | 10,028 | 30,919,087 |
| EVERETT.  |     |            |            |            |        |        |        |        |        |        |            |
| Boots and shoes, . . . . .                      | 53  | 23,563,431 | 5,391,067  | 1,833,338  | 669.86 | 2,305  | 437    | 2,812  | 2,439  | 3,376  | 11,603,469 |
| Bread and other bakery products, . . . . .      | 3   | 303,238    | 697,543    | 291,662    | 537.73 | 279    | 244    | 523    | 486    | 614    | 1,131,674  |
| Foundry and machine-shop products, . . . . .    | 4   | 12,900     | 25,243     | 8,476      | 770.55 | 11     | -      | 11     | 11     | 15     | 49,920     |
| Other industries, . . . . .                     | 42  | 23,367,141 | 5,112,135  | 1,532,559  | 668.99 | 2,019  | 183    | 2,302  | 1,876  | 2,563  | 10,262,017 |
| FALL RIVER.                                     |     |            |            |            |        |        |        |        |        |        |            |
| Bread and other bakery products, . . . . .      | 287 | 87,547,556 | 89,308,690 | 16,195,496 | 446.86 | 80,770 | 15,532 | 86,399 | 31,141 | 59,596 | 66,981,733 |
| Copper, tin, and sheet-iron products, . . . . . | 59  | 222,447    | 443,333    | 138,565    | 646.27 | 196    | 2      | 196    | 192    | 205    | 757,683    |
| Other industries, . . . . .                     | 5   | 20,808     | 29,960     | 19,030     | 704.44 | 27     | -      | 27     | 26     | 29     | 69,371     |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages and Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|  |                             |                  |                                   |  |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|  |                             |                  |                                   |  |                         | Males                 | Females | Both Sexes |                 |                 |                  |
| FALL RIVER — Concluded.  |                             |                  |                                   |  |                         |                       |         |            |                 |                 |                  |
| Cordage and twine, . . . . .   | 4                           | \$50,190         | \$73,882                          | \$21,615                                 | \$308.79                | 52                    | 18      | 70         | 65              | 78              | \$117,037        |
| Cotton goods, . . . . .  | 43                          | 66,132,383       | 31,135,969                        | 13,050,552                               | 439.37                  | 15,734                | 13,969  | 29,703     | 25,568          | 31,903          | 50,094,751       |
| Cotton small wares, . . . . .  | 6                           | 653,675          | 294,429                           | 107,205                                  | 341.42                  | 143                   | 171     | 314        | 268             | 332             | 511,658          |
| Foundry and machine-shop products, . . . . .                                 | 30                          | 951,875          | 461,475                           | 345,980                                  | 536.40                  | 540                   | 105     | 645        | 558             | 747             | 1,092,213        |
| Lumber, planing-mill products, . . . . .                                     | 5                           | 132,621          | 164,523                           | 41,346                                   | 689.10                  | 60                    | —       | 60         | 54              | 63              | 232,937          |
| Marble and stone work, . . . . .   | 4                           | 56,317           | 3,908                             | 25,755                                   | 547.98                  | 47                    | —       | 47         | 21              | 72              | 40,066           |
| Mineral and soda waters, . . . . .   | 3                           | 7,180            | 5,564                             | 4,853                                    | 539.22                  | 9                     | —       | 9          | 8               | 10              | 16,368           |
| Monuments and tombstones, . . . . .  | 4                           | 32,791           | 11,922                            | 12,781                                   | 912.93                  | 14                    | —       | 14         | 10              | 17              | 32,483           |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 6                           | 15,179           | 112,810                           | 13,285                                   | 603.86                  | 20                    | 2       | 22         | 21              | 23              | 154,282          |
| Tobacco manufactures, . . . . .  | 6                           | 7,844            | 8,524                             | 2,912                                    | 582.40                  | 5                     | —       | 5          | 5               | 8               | 17,525           |
| Other industries, . . . . .  | 52                          | 19,045,045       | 6,562,231                         | 2,421,607                                | 467.67                  | 3,923                 | 1,255   | 6,178      | 4,325           | 5,839           | 12,084,744       |
| FITCHBURG.   |                             |                  |                                   |  |                         |                       |         |            |                 |                 |                  |
| Bread and other bakery products, . . . . .                                   | 114                         | \$1,459,619      | 16,579,210                        | 4,779,477                                | 540.85                  | 6,980                 | 2,577   | 8,857      | 7,686           | 9,388           | \$4,831,346      |
| Confectionery, . . . . .   | 18                          | 44,795           | 143,536                           | 37,328                                   | 704.30                  | 53                    | —       | 53         | 50              | 57              | 254,840          |
| Cotton goods, . . . . .  | 3                           | 13,598           | 47,080                            | 9,771                                    | 610.69                  | 9                     | 7       | 16         | 15              | 17              | 68,323           |
| Foundry and machine-shop products, . . . . .                                 | 6                           | 5,293,630        | 3,591,978                         | 1,327,188                                | 452.19                  | 1,505                 | 1,430   | 2,935      | 2,604           | 3,140           | 6,373,194        |
| Mineral and soda waters, . . . . .   | 20                          | 2,034,139        | 536,155                           | 537,206                                  | 656.73                  | 817                   | 1       | 818        | 688             | 963             | 1,661,650        |
|  | 4                           | 19,060           | 7,734                             | 4,109                                    | 587.00                  | 7                     | —       | 7          | 5               | 8               | 24,025           |

|  | 5   | 9,571      | 8,140      | 6,250     | 781.25 | 7     | 1     | 8      | 8      | 10     | 20,066     |
|--|-----|------------|------------|-----------|--------|-------|-------|--------|--------|--------|------------|
| Tobacco manufactures, . . . . .                              | 5   | 9,571      | 8,140      | 6,250     | 781.25 | 7     | 1     | 8      | 8      | 10     | 20,066     |
| Wood, turned and carved, . . . . .                           | 4   | 35,942     | 25,317     | 30,543    | 526.59 | 58    | -     | 53     | 40     | 60     | 87,402     |
| Other industries, . . . . .                                  | 54  | 14,008,968 | 11,211,972 | 2,827,083 | 572.05 | 3,804 | 1,188 | 4,943  | 4,226  | 5,564  | 17,351,246 |
| <b>GLOUCESTER.</b>   |     |            |            |           |        |       |       |        |        |        |            |
| Bread and other bakery products, . . . . .                   | 78  | 5,549,951  | 5,688,060  | 1,845,916 | 486.19 | 1,901 | 668   | 2,565  | 2,009  | 3,169  | 8,211,785  |
| Canning and preserving, . . . . .                            | 4   | 58,943     | 95,773     | 37,204    | 578.81 | 38    | 9     | 47     | 44     | 50     | 151,376    |
| Clothing, men's, . . . . .                                   | 16  | 2,621,991  | 3,869,985  | 530,179   | 447.79 | 946   | 238   | 1,184  | 963    | 1,523  | 4,831,472  |
| Foundry and machine-shop products, . . . . .                 | 5   | 53,807     | 96,237     | 34,739    | 338.13 | 20    | 77    | 97     | 93     | 114    | 168,575    |
| Shipbuilding, wooden, including boat-building, . . . . .     | 4   | 54,818     | 21,793     | 18,047    | 644.54 | 28    | -     | 28     | 26     | 30     | 53,656     |
|  | 11  | 90,438     | 27,600     | 22,626    | 754.20 | 30    | -     | 30     | 22     | 39     | 83,035     |
| Tobacco manufactures, . . . . .                              | 6   | 8,322      | 10,794     | 7,163     | 551.00 | 11    | 2     | 13     | 12     | 13     | 24,344     |
| Other industries, . . . . .                                  | 32  | 2,455,217  | 1,569,878  | 605,963   | 530.38 | 828   | 336   | 1,164  | 849    | 1,400  | 2,890,277  |
| <b>HAVREHILL.</b>  |     |            |            |           |        |       |       |        |        |        |            |
| Boot and shoe cut stock and findings, . . . . .              | 316 | 17,538,268 | 27,054,807 | 8,809,359 | 643.15 | 9,104 | 4,563 | 18,897 | 10,318 | 16,381 | 45,671,518 |
| Boots and shoes, . . . . .                                   | 115 | 4,014,939  | 7,217,073  | 987,668   | 534.71 | 1,333 | 458   | 1,791  | 1,385  | 2,213  | 9,586,640  |
| Bones, paper and wooden, . . . . .                           | 116 | 9,467,208  | 15,712,164 | 6,770,097 | 672.97 | 6,353 | 3,707 | 10,000 | 7,618  | 12,863 | 27,508,440 |
| Bread and other bakery products, . . . . .                   | 10  | 553,113    | 516,843    | 202,133   | 539.02 | 233   | 143   | 378    | 331    | 412    | 925,066    |
| Bread and other bakery products, . . . . .                   | 10  | 43,560     | 101,184    | 25,359    | 745.26 | 33    | 1     | 34     | 33     | 35     | 171,443    |
| Confectionery, . . . . .                                     | 3   | 3,895      | 9,060      | 520       | 520.00 | 1     | -     | 1      | 1      | 1      | 14,090     |
| Cutlery and tools, not elsewhere specified, . . . . .        | 4   | 14,907     | 10,722     | 15,172    | 892.47 | 17    | -     | 17     | 16     | 19     | 41,610     |
| Foundry and machine-shop products, . . . . .                 | 5   | 114,013    | 37,857     | 47,784    | 734.37 | 65    | -     | 65     | 49     | 86     | 112,564    |
| Mineral and soda waters, . . . . .                           | 3   | 12,800     | 12,390     | 4,671     | 667.29 | 7     | -     | 7      | 3      | 13     | 27,316     |
| Models and patterns, not including paper patterns, . . . . . | 6   | 34,160     | 15,667     | 27,387    | 805.50 | 34    | -     | 34     | 29     | 45     | 77,802     |
| Printing and publishing, . . . . .                           | 4   | 17,799     | 6,995      | 10,997    | 549.36 | 16    | 4     | 20     | 16     | 21     | 33,003     |
| Tobacco manufactures, . . . . .                              | 4   | 6,296      | 2,710      | 3,553     | 431.50 | 6     | 2     | 8      | 7      | 8      | 12,457     |
| Other industries, . . . . .                                  | 36  | 3,201,486  | 3,291,412  | 743,660   | 578.73 | 1,007 | 278   | 1,265  | 844    | 1,666  | 5,162,128  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     | Both<br>Sexes |
| HOLYOKE.  |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Bread and other bakery products, . . .                                      | 153  | \$14,470,114        | \$85,860,148                                  | \$9,186,453                                      | \$57.56                       | 9,938                 | 7,435   | 17,413             | 15,481             | 19,333              | \$45,904,797  |
| Foundry and machine-shop products, . .                                      | 15   | 156,047             | 221,943                                       | 50,715   | 805.00                        | 63                    | —       | 63                 | 61                 | 65                  | 378,115       |
| Lumber, planing-mill products, . . .  | 13   | 3,042,743           | 831,901                                       | 757,029  | 674.11                        | 1,106                 | 17      | 1,123              | 952                | 1,373               | 2,197,493     |
| Mineral and soda waters, . . .  | 4  | 279,797             | 350,021                                       | 132,190  | 724.71                        | 210                   | —       | 210                | 182                | 240                 | 638,079       |
| Paper and wood pulp, . . .  | 3  | 14,150              | 10,676  | 4,620  | 660.00                        | 7                     | —       | 7                  | 3                  | 12                  | 28,450        |
| Paper goods, not elsewhere specified, . .                                   | 21   | 14,094,157          | 8,615,521                                     | 2,508,014  | 537.16                        | 2,901                 | 1,768   | 4,669              | 4,274              | 4,941               | 13,724,604    |
| Sausage, not made in slaughtering and<br>meat-packing establishments, . . . | 6  | 1,261,615           | 1,499,192                                     | 293,210  | 574.92                        | 361                   | 149     | 510                | 450                | 584                 | 2,139,724     |
| Stationary goods, not elsewhere specified, .                                | 3  | 15,040              | 42,437  | 7,294  | 810.44                        | 9                     | —       | 9                  | 9                  | 9                   | 54,200        |
| Tobacco manufactures, . . .   | 6  | 1,256,215           | 812,253                                       | 276,355  | 461.36                        | 308                   | 291     | 599                | 486                | 677                 | 1,538,208     |
| Other industries, . . .   | 12   | 51,233              | 41,210  | 43,239   | 675.61                        | 40                    | 15      | 64                 | 60                 | 67                  | 128,005       |
|   | 50   | 24,390,117          | 13,434,988                                    | 5,093,786  | 501.41                        | 4,914                 | 5,245   | 10,159             | 9,004              | 11,314              | 25,077,829    |
| LAWRENCE.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Bread and other bakery products, . . .                                      | 155  | \$8,076,033         | \$3,577,322                                   | \$78,80  | 478.80                        | 17,693                | 10,873  | 28,566             | 19,768             | 34,795              | 70,306,314    |
| Brooms, . . .   | 23   | 174,064             | 293,121                                       | 65,568   | 705.03                        | 89                    | 4       | 93                 | 90                 | 97                  | 520,306       |
| Carriages and wagons and materials, . .                                     | 3  | 14,533              | 14,698  | 4,822  | 535.78                        | 9                     | —       | 9                  | 7                  | 10                  | 27,826        |
| Cotton goods, . . .   | 6  | 696,776             | 205,075                                       | 106,260  | 647.98                        | 164                   | —       | 164                | 141                | 181                 | 427,968       |
| Foundry and machine-shop products, . .                                      | 5  | 11,180,855          | 5,034,397                                     | 2,103,551  | 461.91                        | 2,320                 | 2,234   | 4,554              | 3,476              | 5,313               | 8,195,980     |
|   | 18   | 1,281,940           | 620,648                                       | 487,852  | 642.76                        | 676                   | 83      | 759                | 655                | 855                 | 1,432,496     |

| Sausage, not made in slaughtering and meat-packing establishments, . . . | 3   | 25,700     | 139,578    | 6,584      | 731.56 | 9      | -      | 9      | 9      | 170,500    |
|--|-----|------------|------------|------------|--------|--------|--------|--------|--------|------------|
| Tobacco manufactures, . . .  | 4   | 3,572      | 6,114      | 6,547      | 595.18 | 10     | 1      | 11     | 12     | 18,849     |
| Woolen and worsted goods, . . .  | 14  | 63,406,555 | 27,033,795 | 8,199,943  | 455.40 | 10,228 | 7,712  | 17,940 | 22,692 | 45,321,864 |
| Other industries, . . .  | 59  | 12,262,139 | 8,992,767  | 2,726,356  | 542.35 | 4,188  | 539    | 5,027  | 3,995  | 12,582,235 |
| <b>LOWELL.</b>   |     |            |            |            |        |        |        |        |        |            |
| Boots and shoes, . . .   | 324 | 61,508,923 | 33,905,351 | 14,543,806 | 468.39 | 17,454 | 13,818 | 31,078 | 37,664 | 69,332,038 |
| Bones, fancy and paper, . . .  | 11  | 1,282,308  | 2,408,662  | 793,968    | 496.43 | 1,004  | 538    | 1,532  | 936    | 3,967,976  |
| Bones, wooden packing, . . .   | 3   | 163,791    | 76,330     | 74,267     | 480.10 | 57     | 108    | 165    | 143    | 203,977    |
| Bread and other bakery products, . . .                                   | 7   | 394,967    | 555,656    | 133,867    | 510.94 | 262    | -      | 262    | 249    | 753,590    |
| Copper, tin, and sheet-iron products, . . .                              | 34  | 170,354    | 363,965    | 101,877    | 698.26 | 138    | 10     | 143    | 133    | 632,322    |
| Cotton goods, . . .  | 5   | 31,171     | 22,711     | 23,581     | 637.32 | 37     | -      | 37     | 26     | 71,215     |
| Cotton small wares, . . .  | 8   | 27,212,226 | 15,083,005 | 6,349,338  | 454.18 | 7,287  | 6,728  | 14,026 | 12,222 | 26,795,270 |
| Foundry and machine-shop products, . . .                                 | 3   | 67,007     | 65,470     | 21,800     | 475.23 | 23     | 23     | 46     | 35     | 105,000    |
| Lumber, planing-mill products, . . .                                     | 27  | 3,873,338  | 1,663,669  | 1,339,668  | 694.40 | 2,214  | 22     | 2,237  | 1,723  | 3,065,396  |
| Monuments and tombstones, . . .  | 8   | 220,181    | 109,670    | 70,275     | 717.09 | 98     | -      | 98     | 86     | 226,769    |
| Patent medicines and compounds and druggists' preparations, . . .        | 6   | 15,888     | 6,806      | 7,415      | 570.38 | 13     | -      | 13     | 9      | 29,233     |
| Tobacco manufactures, . . .  | 5   | 1,122,656  | 372,413    | 98,540     | 505.33 | 110    | 85     | 196    | 141    | 1,013,324  |
| Woolen and worsted goods, . . .  | 9   | 38,074     | 22,677     | 12,010     | 571.90 | 21     | -      | 21     | 20     | 47,589     |
| Other industries, . . .  | 10  | 2,749,204  | 1,997,806  | 838,963    | 480.03 | 861    | 961    | 1,842  | 1,370  | 3,399,061  |
| Patent medicines and compounds and druggists' preparations, . . .        | 98  | 23,162,458 | 10,967,601 | 4,722,065  | 451.89 | 5,329  | 5,122  | 10,451 | 9,572  | 19,283,166 |
| <b>LYNN.</b>   |     |            |            |            |        |        |        |        |        |            |
| Awnings, tents, and sails, . . .   | 365 | 34,107,822 | 48,101,464 | 18,310,387 | 641.01 | 19,939 | 8,450  | 36,409 | 22,770 | 78,847,766 |
| Blacking, . . .  | 3   | 6,316      | 10,305     | 3,958      | 797.60 | 4      | 1      | 5      | 2      | 25,735     |
| Boot and shoe cut stock and findings, . . .                              | 11  | 183,547    | 358,252    | 46,000     | 793.17 | 57     | 1      | 58     | 52     | 745,806    |
| Boots and shoes, . . .   | 87  | 4,533,704  | 11,137,456 | 866,271    | 530.48 | 1,207  | 426    | 1,633  | 1,140  | 13,981,057 |
| Bones, fancy and paper, . . .  | 105 | 13,481,243 | 18,069,115 | 8,869,690  | 695.36 | 7,547  | 5,380  | 12,927 | 9,716  | 33,077,637 |
| Boxes, . . .   | 4   | 185,185    | 207,453    | 103,003    | 497.60 | 96     | 111    | 207    | 196    | 423,130    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| LYNN — Concluded.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Boxes, wooden packing, . . . .                                  | 3  | \$235,422           | \$257,938                                     | \$115,651  | \$509.48                      | 125                   | 102     | 227                | 200                | 246                 | \$470,213     |
| Bread and other bakery products, . . . .                        | 14   | 105,379             | 274,465                                       | 80,072   | 694.38                        | 108                   | 9       | 117                | 114                | 119                 | 504,980       |
| Carriages and wagons and materials, . . . .                     | 5  | 38,963              | 11,907  | 21,180   | 766.43                        | 28                    | —       | 28                 | 18                 | 37                  | 50,040        |
| Confectionery, . . . . .  | 3  | 34,627              | 34,418  | 7,807  | 487.94                        | 11                    | 5       | 16                 | 9                  | 21                  | 53,736        |
| Cutlery and tools, not elsewhere specified, . . . .             | 5  | 23,320              | 9,089   | 21,055   | 779.81                        | 27                    | —       | 27                 | 27                 | 33                  | 44,416        |
| Foundry and machine-shop products, . . . .                      | 20   | 676,900             | 137,264                                       | 245,417  | 750.51                        | 327                   | —       | 327                | 280                | 372                 | 603,916       |
| Leads, . . . . .  | 8  | 283,798             | 108,601                                       | 141,702  | 819.09                        | 173                   | —       | 173                | 149                | 201                 | 428,002       |
| Leather, tanned, curried, and finished, . . . .                 | 8  | 1,707,703           | 2,189,987                                     | 265,736  | 519.02                        | 512                   | —       | 512                | 436                | 578                 | 3,054,540     |
| Lumber, planing-mill products, . . . .                          | 5  | 201,758             | 218,487                                       | 54,563   | 699.53                        | 78                    | —       | 78                 | 62                 | 94                  | 323,807       |
| Mineral and soda waters, . . . .                                | 3  | 45,256              | 23,444  | 9,546  | 703.29                        | 14                    | —       | 14                 | 8                  | 24                  | 65,611        |
| Models and patterns, not including paper<br>patterns, . . . . . | 11   | 131,937             | 53,352  | 79,291   | 731.60                        | 97                    | 10      | 107                | 66                 | 167                 | 223,139       |
| Printing and publishing, . . . .                                | 11   | 189,904             | 87,638  | 74,124   | 607.57                        | 91                    | 31      | 122                | 104                | 135                 | 292,095       |
| Tobacco manufactures, . . . .                                   | 5  | 4,666               | 7,041   | 7,039  | 586.68                        | 11                    | 1       | 12                 | 8                  | 18                  | 20,353        |
| Other industries, . . . . .                                     | 54   | 11,988,297          | 9,915,322                                     | 7,209,028  | 609.95                        | 9,446                 | 2,373   | 11,819             | 10,168             | 12,713              | 24,862,178    |
| MALDEN.   |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| All industries, . . . . .                                       | 63   | 7,680,551           | 3,791,806                                     | 1,407,391  | 510.81                        | 1,422                 | 1,333   | 2,765              | 2,381              | 3,086               | 7,866,779     |
|   | 63   | 7,680,551           | 3,791,806                                     | 1,407,391  | 510.81                        | 1,422                 | 1,333   | 2,765              | 2,381              | 3,086               | 7,866,779     |

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TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |  | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |  |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |  |                     |
|   |  |                     |   |  |                               | Both<br>Sexes         |         |                    |                    |  |                     |
| NORTH ADAMS.  |  |                     |   |  |                               |                       |         |                    |                    |  |                     |
| Bread and other bakery products, . . . . .            | 60   | \$12,545,548        | \$5,944,173                                   | \$9,747,081                                      | \$432.37                      | 3,406                 | 1,000   | 4,384              | 5,938              |  | \$10,384,309        |
| Foundry and machine-shop products, . . . . .          | 7  | 202,601             | 378,437                                       | 76,303   | 448.84                        | 97                    | 73      | 134                | 208                |  | 600,130             |
| Mineral and soda waters, . . . . .                    | 5  | 344,983             | 107,294                                       | 132,388  | 683.53                        | 196                   | -       | 187                | 204                |  | 346,306             |
| Saddlery and harness, . . . . .                       | 4  | 4,025               | 3,537   | 2,133  | 710.67                        | 3                     | -       | 3                  | 3                  |  | 8,300               |
| Tobacco manufactures, . . . . .                       | 3  | 17,826              | 12,210  | 10,409   | 743.60                        | 14                    | -       | 14                 | 12                 |  | 32,710              |
| Other industries, . . . . .                           | 7  | 23,533              | 37,402  | 30,764   | 654.55                        | 43                    | 4       | 46                 | 51                 |  | 89,130              |
| Other industries, . . . . .                           | 24   | 11,752,576          | 5,105,293                                     | 2,494,165  | 527.08                        | 3,143                 | 1,589   | 3,972              | 5,469              |  | 9,238,533           |
| NORHAMPTON.   |  |                     |   |  |                               |                       |         |                    |                    |  |                     |
| Bread and other bakery products, . . . . .            | 50   | 8,829,480           | 4,659,516                                     | \$2,004,098                                      | \$70.46                       | 2,388                 | 1,187   | 2,980              | 3,940              |  | 8,964,098           |
| Cutlery and tools, not elsewhere specified, . . . . . | 8  | 70,516              | 130,943                                       | 21,973   | 637.80                        | 35                    | -       | 35                 | 37                 |  | 194,146             |
| Tobacco manufactures, . . . . .                       | 4  | 568,709             | 180,261                                       | 280,103  | 603.67                        | 449                   | 15      | 464                | 531                |  | 579,375             |
| Other industries, . . . . .                           | 6  | 12,077              | 12,116  | 10,416   | 612.71                        | 17                    | -       | 17                 | 19                 |  | 24,994              |
| Other industries, . . . . .                           | 32   | 7,642,128           | 4,376,197                                     | 1,991,544  | 564.41                        | 1,885                 | 1,112   | 2,967              | 3,353              |  | 7,855,661           |
| PITTSFIELD.   |  |                     |   |  |                               |                       |         |                    |                    |  |                     |
| Bread and other bakery products, . . . . .            | 55   | 15,359,565          | 10,898,199                                    | 6,117,519  | 664.31                        | 6,900                 | 2,849   | 7,988              | 10,847             |  | \$3,919,983         |
| Foundry and machine-shop products, . . . . .          | 11   | 67,431              | 120,075                                       | 37,455   | 814.89                        | 45                    | 1       | 45                 | 47                 |  | 224,300             |
| Lumber, planing-mill products, . . . . .              | 3  | 405,688             | 201,987                                       | 155,768  | 711.26                        | 219                   | -       | 194                | 255                |  | 502,932             |
| Saddlery and harness, . . . . .                       | 4  | 110,368             | 44,880  | 24,822   | 892.87                        | 39                    | -       | 34                 | 44                 |  | 111,160             |
| Woolen and worsted goods, . . . . .                   | 4  | 60,236              | 10,600  | 5,028  | 638.60                        | 8                     | -       | 8                  | 7                  |  | 35,299              |
| Other industries, . . . . .                           | 6  | 2,760,980           | 2,240,303                                     | 1,192,179  | 536.53                        | 1,515                 | 707     | 1,783              | 2,545              |  | 4,311,209           |
| Other industries, . . . . .                           | 27   | 11,954,842          | 8,274,355                                     | 4,092,339  | 702.97                        | 5,134                 | 1,641   | 5,896              | 7,340              |  | 18,735,023          |

| QUINCY.                                       |     | 187        | 10,694,410 | 6,889,878  | 4,863,976 | 766.98 | 5,964  | 470   | 6,454  | 5,878  | 7,818  | 19,998,061 |
|---|-----|------------|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Cutlery and tools, not elsewhere specified, . | 4   | 56,060     | 24,300     | 16,976     | 707.33    | 24     | 19     | 24    | 24     | 19     | 27     | 56,213     |
| Foundry and machine-shop products, .          | 6   | 1,356,207  | 161,259    | 201,703    | 874.89    | 299    | 271    | 299   | 299    | 271    | 331    | 674,082    |
| Marble and stone work, . . . . .              | 21  | 1,216,108  | 156,942    | 316,065    | 706.11    | 307    | 336    | 307   | 307    | 336    | 476    | 718,391    |
| Monuments and tombstones, . . . .             | 100 | 1,284,867  | 602,617    | 835,682    | 808.70    | 1,021  | 798    | 1,021 | 1,021  | 798    | 1,229  | 2,238,617  |
| Other industries, . . . . .                   | 26  | 6,781,078  | 5,390,940  | 3,503,559  | 746.85    | 4,233  | 4,248  | 4,233 | 4,693  | 4,248  | 6,160  | 9,244,876  |
| SALEM.  |     | 161        | 9,651,094  | 10,603,516 | 3,570,139 | 609.39 | 4,558  | 3,064 | 6,616  | 6,644  | 7,648  | 17,244,668 |
| Boot and shoe cut stock and findings, .       | 28  | 421,001    | 944,373    | 233,326    | 398.17    | 325    | 400    | 261   | 586    | 400    | 739    | 1,310,582  |
| Boots and shoes, . . . . .                    | 14  | 2,035,696  | 8,391,478  | 1,378,844  | 517.39    | 1,789  | 2,065  | 876   | 2,065  | 2,065  | 3,235  | 5,720,878  |
| Bread and other bakery products, . .          | 15  | 66,460     | 189,252    | 41,056     | 789.54    | 50     | 51     | 2     | 52     | 51     | 63     | 319,362    |
| Foundry and machine-shop products, .          | 15  | 266,808    | 142,901    | 104,254    | 726.05    | 143    | 125    | 1     | 143    | 125    | 168    | 327,592    |
| Leather, tanned, curried, and finished, .     | 29  | 2,200,917  | 3,416,289  | 688,128    | 585.64    | 1,174  | 1,064  | 1     | 1,175  | 1,064  | 1,510  | 4,738,148  |
| Lumber, planing-mill products, . . .          | 5   | 120,242    | 192,230    | 42,540     | 654.46    | 66     | 58     | —     | 65     | 58     | 72     | 305,086    |
| Mineral and soda waters, . . . . .            | 4   | 28,650     | 9,985      | 11,115     | 694.69    | 16     | 13     | —     | 16     | 13     | 20     | 37,846     |
| Steam fittings and heating apparatus, .       | 3   | 89,511     | 29,905     | 36,506     | 730.12    | 50     | 45     | —     | 50     | 45     | 56     | 120,529    |
| Other industries, . . . . .                   | 33  | 4,406,759  | 2,387,103  | 834,370    | 447.62    | 941    | 1,733  | 923   | 1,864  | 1,733  | 1,995  | 4,474,543  |
| SOMERVILLE.                                   |     | 93         | 18,695,878 | 48,857,455 | 5,518,479 | 600.38 | 6,549  | 3,68  | 5,201  | 6,959  | 6,969  | 50,979,067 |
| Bread and other bakery products, . .          | 17  | 206,101    | 248,751    | 76,780     | 619.19    | 94     | 118    | 30    | 124    | 118    | 131    | 445,146    |
| Confectionery, . . . . .                      | 3   | 7,654      | 47,241     | 9,884      | 340.83    | 6      | 29     | 23    | 29     | 29     | 30     | 68,328     |
| Wooden goods, . . . . .                       | 4   | 118,899    | 81,638     | 54,908     | 513.16    | 85     | 85     | 22    | 107    | 85     | 119    | 162,890    |
| Other industries, . . . . .                   | 69  | 18,361,314 | 41,859,737 | 3,400,907  | 602.89    | 5,364  | 5,027  | 277   | 5,641  | 5,027  | 6,389  | 49,603,693 |
| SPRINGFIELD.                                  |     | 245        | 57,994,876 | 80,864,801 | 9,948,199 | 657.45 | 11,553 | 3,909 | 16,158 | 18,149 | 18,097 | 43,609,159 |
| Automobiles, including bodies and parts, .    | 6   | 2,389,940  | 392,449    | 898,144    | 851.79    | 667    | 394    | 10    | 667    | 394    | 1,067  | 1,849,194  |
| Brass and bronze products, . . . . .          | 6   | 356,044    | 476,876    | 162,226    | 694.50    | 217    | 201    | 20    | 227    | 201    | 272    | 764,360    |
| Bread and other bakery products, . .          | 17  | 436,428    | 522,418    | 140,568    | 689.32    | 101    | 181    | 45    | 206    | 181    | 326    | 1,009,577  |
| Carriages and wagons and materials, . .       | 5   | 124,171    | 65,098     | 46,146     | 705.93    | 67     | 41     | 1     | 58     | 41     | 81     | 140,130    |
| Copper, tin, and sheet-iron products, .       | 3   | 40,560     | 19,150     | 33,344     | 757.82    | 44     | 84     | —     | 44     | 84     | 52     | 93,900     |





TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Concluded.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |               | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |               |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      | Both<br>Sexes |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |               |                     |
| WOMEN — Concluded.  |  |                     |   |  |                               |                       |         |                    |                    |               |                     |
| Clothing, women's, . . . . .  | 16   | \$817,474           | \$989,584                                     | \$408,328  | \$431.24                      | 168                   | 779     | 947                | 686                | 1,112         | \$1,776,534         |
| Confectionery, . . . . .  | 5  | 31,194              | 54,103  | 6,265  | 569.55                        | 9                     | 2       | 11                 | 10                 | 11            | 82,328              |
| Copper, tin, and sheet-iron products, . .                           | 11   | 455,138             | 223,960                                       | 170,855  | 573.34                        | 225                   | 73      | 298                | 223                | 346           | 5,7043              |
| Cotton goods, . . . . .   | 4  | 665,072             | 748,100                                       | 92,088   | 535.93                        | 61                    | 114     | 175                | 159                | 191           | 1,020,522           |
| Cutlery and tools, not elsewhere specified, .                       | 12   | 856,833             | 284,101                                       | 307,507  | 657.94                        | 409                   | 38      | 447                | 360                | 495           | 812,639             |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . .       | 4  | 139,290             | 141,185                                       | 62,219   | 458.11                        | 77                    | 61      | 138                | 103                | 180           | 298,789             |
| Electroplating, . . . . .   | 6  | 30,318              | 12,049  | 26,663   | 512.75                        | 50                    | 2       | 52                 | 43                 | 74            | 64,574              |
| Foundry and machine-shop products, . .                              | 73   | 13,919,066          | 4,557,210                                     | 4,080,391  | 664.86                        | 5,920                 | 38      | 5,958              | 5,159              | 6,602         | 11,265,728          |
| House-furnishing goods, not elsewhere<br>specified, . . . . .       | 6  | 447,658             | 302,649                                       | 249,042  | 542.58                        | 401                   | 53      | 459                | 279                | 566           | 827,299             |
| Lumber, planing-mill products, . . . .                              | 7  | 399,168             | 364,987                                       | 196,723  | 720.35                        | 298                   | -       | 298                | 223                | 306           | 692,527             |
| Models and patterns, not including paper<br>patterns, . . . . .     | 4  | 22,047              | 20,858  | 32,095   | 782.80                        | 40                    | 1       | 41                 | 30                 | 49            | 73,340              |
| Monuments and tombstones, . . . .                                   | 3  | 92,217              | 18,533  | 30,024   | 834.00                        | 36                    | -       | 36                 | 30                 | 53            | 64,880              |
| Musical instruments, pianos and organs,<br>and materials, . . . . . | 3  | 469,809             | 288,157                                       | 210,869  | 597.33                        | 306                   | 47      | 353                | 284                | 393           | 665,453             |

|  |       |               |                             |            |          |         |         |         |         |                 |            |
|--|-------|---------------|-----------------------------|------------|----------|---------|---------|---------|---------|-----------------|------------|
| Printing and publishing, . . . . .   | 6     | 182,344       | 62,154                      | 73,845     | 745.91   | 90      | 9       | 90      | 85      | 114             | 229,553    |
| Sausages, not made in slaughtering and<br>meat-packing establishments, . . . . | 5     | 86,316        | 279,253                     | 23,521     | 753.74   | 31      | -       | 31      | 29      | 31              | 334,533    |
| Tobacco manufactures, . . . . .  | 15    | 53,315        | 69,881                      | 42,209     | 573.21   | 54      | 19      | 73      | 35      | 113             | 138,471    |
| Wirework, including wire rope and cable, . .                                   | 10    | 2,804,624     | 1,915,974                   | 837,273    | 549.39   | 1,313   | 206     | 1,524   | 1,360   | 1,668           | 3,440,015  |
| Wooden goods, not elsewhere specified, . .                                     | 5     | 94,053        | 60,281                      | 23,159     | 643.31   | 32      | 4       | 36      | 27      | 44              | 114,191    |
| Woolen and worsted goods, . . . . .  | 11    | 2,338,737     | 2,436,359                   | 634,844    | 467.83   | 643     | 709     | 1,357   | 1,121   | 1,523           | 2,716,928  |
| Other industries, . . . . .  | 166   | 49,354,097    | 34,669,315                  | 11,415,534 | 638.92   | 13,263  | 4,594   | 17,967  | 15,173  | 20,511          | 58,007,473 |
| TOTAL FOR THE 33 CITIES, . . . . .   | 6,219 | \$276,286,940 | \$705,591,363-\$355,359,113 | \$373.94   | \$69,068 | 145,658 | 444,634 | 372,387 | 608,510 | \$1,316,709,545 |            |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

| Industries.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|  |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|  |  |                     |   |  |                               |                       |         | Both<br>Sexes      |                    |                     |               |
| METROPOLITAN BOSTON.                               | 3,564                                      | \$362,458,823       | \$336,979,384                                 | \$197,031,822                                    | \$539.14                      | 129,629               | 51,974  | 172,594            | 142,924            | 299,094             | \$569,399,194 |
| Artificial stone, . . . . .                        | 12   | 288,186             | 94,315  | 116,598  | 821.11                        | 142                   | -       | 142                | 93                 | 204                 | 337,015       |
| Automobiles, including bodies and parts, . . . . . | 27   | 2,039,317           | 2,457,120                                     | 1,028,574  | 776.87                        | 1,316                 | 8       | 1,324              | 1,007              | 1,558               | 4,328,532     |
| Awnings, tents, and sails, . . . . .               | 28   | 204,192             | 369,472                                       | 135,619  | 610.90                        | 134                   | 88      | 222                | 149                | 335                 | 637,323       |
| Baskets, and rattan and willow ware, . . . . .     | 7  | 32,124              | 26,378  | 22,106   | 491.24                        | 40                    | 5       | 45                 | 40                 | 49                  | 73,137        |
| Belting and hose, leather, . . . . .               | 4  | 328,513             | 699,561                                       | 41,324   | 779.70                        | 50                    | 3       | 53                 | 52                 | 54                  | 825,874       |
| Belting and hose, woven, . . . . .                 | 4  | 548,820             | 434,528                                       | 67,096   | 549.97                        | 66                    | 56      | 122                | 105                | 150                 | 705,554       |
| Billiard tables and materials, . . . . .           | 3  | 86,908              | 52,871  | 16,222   | 883.79                        | 19                    | -       | 19                 | 18                 | 22                  | 102,499       |
| Blacking, . . . . .                                | 29   | 1,182,505           | 1,613,521                                     | 226,108  | 510.40                        | 193                   | 250     | 443                | 369                | 520                 | 3,065,378     |
| Bookbinding and blank-book making, . . . . .       | 36   | 1,299,591           | 542,889                                       | 753,786  | 548.21                        | 602                   | 773     | 1,375              | 1,218              | 1,588               | 1,896,157     |
| Boot and shoe cut stock and findings, . . . . .    | 141  | 10,263,758          | 24,990,295                                    | 1,746,138  | 548.07                        | 2,366                 | 820     | 3,186              | 2,264              | 3,956               | 29,992,718    |
| Boots and shoes, . . . . .                         | 147  | 28,620,618          | 37,481,776                                    | 17,007,813                                       | 627.66                        | 16,176                | 10,921  | 27,097             | 21,912             | 31,618              | 65,904,563    |
| Boots and shoes, rubber, . . . . .                 | 5  | 16,351,411          | 9,163,855                                     | 3,593,849  | 539.70                        | 3,947                 | 2,712   | 6,659              | 5,533              | 7,389               | 19,943,181    |
| Boses, fancy and paper, . . . . .                  | 41   | 1,538,259           | 1,514,514                                     | 952,018  | 448.85                        | 670                   | 1,451   | 2,121              | 1,909              | 2,338               | 3,213,297     |
| Boses, wooden packing, . . . . .                   | 12   | 1,174,065           | 1,010,243                                     | 396,978  | 574.75                        | 896                   | 104     | 990                | 614                | 745                 | 1,787,788     |
| Brass and bronze products, . . . . .               | 32   | 2,043,189           | 1,800,734                                     | 682,048  | 713.41                        | 928                   | -       | 928                | 799                | 1,161               | 2,947,755     |

|   |     |            |            |           |        |        |       |        |        |        |            |
|---|-----|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Bread and other bakery products, . . . . .                    | 283 | 5,948,904  | 8,530,666  | 2,218,267 | 575.28 | 2,768  | 1,093 | 3,856  | 3,560  | 4,172  | 16,784,013 |
| Brick and tile, . . . . .                                     | 7   | 473,515    | 94,190     | 141,804   | 875.33 | 163    | -     | 163    | 92     | 268    | 291,391    |
| Canning and preserving, . . . . .                             | 28  | 840,890    | 1,471,438  | 204,177   | 551.28 | 222    | 182   | 374    | 322    | 487    | 2,082,263  |
| Carriages and wagons and materials, . . . . .                 | 29  | 686,618    | 372,394    | 383,077   | 735.37 | 521    | -     | 521    | 415    | 614    | 971,602    |
| Chemicals, . . . . .  | 16  | 3,760,876  | 2,498,647  | 589,772   | 685.76 | 588    | 2     | 860    | 726    | 973    | 4,860,706  |
| Cleansing and polishing preparations, . . . . .               | 10  | 172,897    | 236,019    | 29,326    | 543.07 | 38     | 16    | 54     | 47     | 63     | 439,332    |
| Cloth, sponging and refinishing, . . . . .                    | 4   | 32,788     | 1,795      | 35,254    | 666.17 | 53     | -     | 53     | 43     | 59     | 61,845     |
| Clothing, men's, . . . . .                                    | 175 | 7,696,207  | 8,764,465  | 3,045,940 | 622.51 | 2,357  | 2,536 | 4,893  | 3,805  | 6,227  | 16,453,243 |
| Clothing, women's, . . . . .                                  | 148 | 3,649,303  | 5,616,012  | 2,354,907 | 540.96 | 1,181  | 3,172 | 4,353  | 2,956  | 5,307  | 10,672,907 |
| Coffee and spice, roasting and grinding, . . . . .            | 14  | 2,442,110  | 5,776,900  | 237,432   | 631.47 | 230    | 146   | 376    | 354    | 403    | 7,337,796  |
| Confectionery, . . . . .                                      | 76  | 8,888,461  | 11,414,430 | 2,489,348 | 377.92 | 1,577  | 5,010 | 6,587  | 5,118  | 8,181  | 17,991,321 |
| Cooperage, . . . . .  | 5   | 473,672    | 648,968    | 170,833   | 614.51 | 278    | -     | 278    | 268    | 293    | 706,174    |
| Copper, tin, and sheet-iron products, . . . . .               | 79  | 2,965,533  | 2,544,797  | 1,220,703 | 602.52 | 1,783  | 243   | 2,026  | 1,752  | 2,358  | 5,093,760  |
| Cordials and sirups, . . . . .                                | 7   | 225,263    | 380,194    | 40,953    | 671.36 | 41     | 20    | 61     | 55     | 78     | 614,481    |
| Cotton goods, . . . . .                                       | 8   | 4,414,707  | 1,606,063  | 813,378   | 437.30 | 1,144  | 716   | 1,860  | 1,720  | 2,025  | 2,968,743  |
| Cutlery and tools, not elsewhere specified, . . . . .         | 42  | 3,724,177  | 912,236    | 700,280   | 574.00 | 653    | 567   | 1,220  | 879    | 1,616  | 3,872,690  |
| Dentists' materials, . . . . .                                | 8   | 84,463     | 443,468    | 39,869    | 535.06 | 40     | 27    | 67     | 60     | 70     | 512,067    |
| Dyeing and finishing textiles, . . . . .                      | 9   | 1,644,906  | 536,255    | 527,383   | 512.52 | 895    | 134   | 1,029  | 893    | 1,179  | 1,374,880  |
| Dyestuffs and extracts, . . . . .                             | 12  | 567,027    | 673,362    | 59,705    | 656.10 | 90     | 1     | 91     | 76     | 103    | 1,017,743  |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . . | 51  | 20,342,056 | 15,580,466 | 9,421,146 | 607.62 | 12,402 | 3,103 | 15,506 | 13,180 | 17,143 | 34,328,911 |
| Electroplating, . . . . .                                     | 19  | 69,182     | 35,972     | 77,377    | 773.77 | 98     | 2     | 100    | 80     | 116    | 181,452    |
| Engraving and dieinking, . . . . .                            | 8   | 114,962    | 70,248     | 59,865    | 586.91 | 64     | 38    | 102    | 91     | 115    | 173,417    |
| Fancy articles, not elsewhere specified, . . . . .            | 14  | 502,288    | 246,794    | 184,366   | 472.78 | 248    | 143   | 391    | 286    | 536    | 638,671    |
| Felt goods, . . . . .   | 5   | 1,067,690  | 564,870    | 185,531-  | 518.08 | 212    | 94    | 306    | 226    | 455    | 915,015    |
| Flavoring extracts, . . . . .                                 | 7   | 330,277    | 349,751    | 30,811    | 506.10 | 28     | 33    | 61     | 55     | 69     | 546,330    |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
 C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

| INDUSTRIES.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |        | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |        |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |        |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Metropolitan Boston — Continued.                              |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Food preparations, . . . . .                                  | 18   | \$439,541           | \$949,326                                     | \$130,064  | \$388.52                      | 163                   | 58      | 221                | 148                | 321    | \$1,971,811         |
| Foundry and machine-shop products, . . . . .                  | 214  | 24,396,165          | 7,094,764                                     | 6,846,987  | 719.37                        | 9,354                 | 164     | 9,518              | 7,333              | 11,242 | 20,408,710          |
| Fur goods, . . . . .  | 10   | 524,826             | 303,029                                       | 141,579  | 795.39                        | 92                    | 86      | 178                | 110                | 225    | 608,968             |
| Furnishing goods, men's, . . . . .                            | 9  | 402,720             | 431,060                                       | 106,273  | 480.87                        | 40                    | 181     | 221                | 153                | 290    | 724,678             |
| Furniture, . . . . .  | 64   | 5,613,654           | 2,544,550                                     | 1,908,725  | 651.44                        | 2,719                 | 211     | 2,980              | 2,563              | 3,361  | 6,335,340           |
| Galvanizing, . . . . .  | 3  | 24,805              | 19,422  | 10,219   | 729.93                        | 14                    | —       | 14                 | 11                 | 16     | 37,502              |
| Gas and electric fixtures, . . . . .                          | 9  | 134,632             | 129,929                                       | 86,788   | 803.59                        | 106                   | —       | 108                | 99                 | 123    | 310,743             |
| Glass, cutting, staining, and ornamenting, . . . . .          | 18   | 115,632             | 67,970  | 117,360  | 686.49                        | 166                   | 5       | 171                | 136                | 199    | 269,069             |
| Glue, . . . . .   | 4  | 546,694             | 475,801                                       | 62,124   | 474.23                        | 113                   | 18      | 131                | 70                 | 162    | 652,983             |
| Gold and silver, leaf and foil, . . . . .                     | 8  | 70,921              | 103,408                                       | 59,463   | 613.02                        | 50                    | 47      | 97                 | 91                 | 107    | 197,498             |
| Grease and tallow, . . . . .                                  | 12   | 637,970             | 757,644                                       | 147,922  | 688.01                        | 214                   | 1       | 215                | 205                | 226    | 1,194,682           |
| Hand stamps and stencils and brands, . . . . .                | 17   | 51,315              | 21,417  | 50,327   | 774.26                        | 63                    | 2       | 65                 | 59                 | 76     | 150,431             |
| Hardware, . . . . .   | 18   | 800,597             | 202,627                                       | 166,881  | 678.38                        | 212                   | 24      | 246                | 213                | 289    | 476,471             |
| Hats and caps, other than felt, straw, and<br>wood, . . . . . | 25   | 193,772             | 376,833                                       | 173,586  | 611.22                        | 188                   | 96      | 284                | 245                | 338    | 777,927             |
| Hosiery and knit goods, . . . . .                             | 31   | 5,019,922           | 3,535,100                                     | 1,384,527  | 404.12                        | 453                   | 2,350   | 2,802              | 2,343              | 3,077  | 6,596,387           |

| House-furnishing goods, not elsewhere specified, . . . . .       | 13  | 722,764    | 696,717   | 151,067   | 446. 66 | 170   | 166   | 336   | 298   | 374   | 1,031,444  |
|--|-----|------------|-----------|-----------|---------|-------|-------|-------|-------|-------|------------|
|  |     |            |           |           |         |       |       |       |       |       |            |
| Instruments, professional and scientific, . . . . .              | 19  | 1,161,346  | 332,734   | 396,342   | 719. 13 | 492   | 59    | 551   | 476   | 668   | 1,262,882  |
| Jewelry, . . . . .   | 23  | 760,030    | 457,223   | 313,589   | 617. 30 | 348   | 160   | 508   | 412   | 594   | 1,138,610  |
| Jewelry and instrument cases, . . . . .                          | 8   | 144,641    | 108,066   | 88,393    | 457. 99 | 69    | 124   | 193   | 159   | 224   | 267,553    |
| Laets, . . . . .   | 12  | 531,368    | 219,458   | 246,857   | 854. 18 | 280   | -     | 289   | 249   | 328   | 697,823    |
| Leather goods, not elsewhere specified, . . . . .                | 24  | 417,768    | 488,826   | 190,966   | 524. 63 | 148   | 216   | 364   | 244   | 482   | 936,060    |
| Leather, tanned, curried, and finished, . . . . .                | 40  | 10,333,262 | 9,126,800 | 1,358,804 | 579. 94 | 2,328 | 15    | 2,343 | 1,783 | 2,972 | 12,116,985 |
| Liquors, malt, . . . . .   | 17  | 14,146,817 | 2,318,826 | 1,118,746 | 962. 78 | 1,154 | 8     | 1,162 | 1,105 | 1,221 | 8,647,997  |
| Looking-glass and picture frames, . . . . .                      | 20  | 292,783    | 218,410   | 139,375   | 679. 88 | 190   | 15    | 205   | 175   | 243   | 575,736    |
| Lumber, planing-mill products, . . . . .                         | 88  | 2,970,491  | 3,013,174 | 1,352,076 | 762. 54 | 1,704 | 2     | 1,706 | 1,348 | 2,087 | 5,514,327  |
| Marble and stone work, . . . . .                                 | 43  | 2,288,792  | 695,372   | 918,746   | 839. 19 | 1,108 | -     | 1,108 | 764   | 1,462 | 2,276,488  |
| Mattresses and spring beds, . . . . .                            | 23  | 738,940    | 1,093,773 | 296,192   | 569. 80 | 401   | 119   | 530   | 445   | 594   | 1,864,316  |
| Millinery and lace goods, . . . . .                              | 60  | 1,549,053  | 1,880,378 | 603,849   | 440. 77 | 197   | 1,173 | 1,370 | 966   | 1,513 | 2,433,279  |
| Mineral and soda waters, . . . . .                               | 30  | 832,022    | 578,622   | 120,574   | 896. 96 | 171   | 2     | 173   | 125   | 272   | 1,398,663  |
| Mirrors, . . . . .   | 6   | 68,535     | 235,776   | 60,622    | 666. 18 | 91    | -     | 91    | 84    | 102   | 387,709    |
| Models and patterns, not including paper patterns, . . . . .     | 34  | 240,688    | 92,267    | 199,306   | 784. 67 | 228   | 16    | 284   | 176   | 346   | 494,264    |
| Monuments and tombstones, . . . . .                              | 113 | 1,402,947  | 649,213   | 881,795   | 811. 97 | 1,066 | -     | 1,066 | 846   | 1,315 | 2,391,910  |
| Mucilage and paste, . . . . .                                    | 9   | 486,558    | 806,392   | 45,198    | 664. 68 | 55    | 13    | 68    | 62    | 74    | 1,096,919  |
| Musical instruments and materials, not specified, . . . . .      | 10  | 132,620    | 82,890    | 75,143    | 670. 92 | 97    | 15    | 112   | 91    | 129   | 237,378    |
| Musical instruments, pianos and organs, and materials, . . . . . | 30  | 8,160,009  | 2,671,008 | 1,913,738 | 896. 92 | 2,565 | 181   | 2,746 | 2,352 | 3,039 | 6,381,623  |
| Oil, not elsewhere specified, . . . . .                          | 8   | 1,119,158  | 1,916,667 | 126,718   | 600. 56 | 211   | -     | 211   | 193   | 227   | 2,353,508  |
| Paints and varnishes, . . . . .                                  | 23  | 2,614,412  | 2,426,100 | 275,771   | 607. 43 | 417   | 37    | 454   | 390   | 507   | 4,241,615  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued  
C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

| Industries.  | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |
| <b>Metropolitan Boston — Concluded.</b>                                  |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| Paper goods, not elsewhere specified, . . .                              | 15                          | \$543,604        | \$292,849                         | \$100,790                            | \$440.13                | 86                    | 143     | 229        | 162             | 292             | \$278,531        |
| Patent medicines and compounds and drug-ists' preparations, . . .        | 52                          | 3,036,000        | 3,356,000                         | 531,305                              | 437.26                  | 503                   | 690     | 1,103      | 972             | 1,398           | 7,123,140        |
| Photo-engraving, . . .   | 8                           | 221,803          | 91,951                            | 214,922                              | 539.54                  | 226                   | 30      | 256        | 227             | 274             | 576,566          |
| Plumbers' supplies, . . .  | 11                          | 531,063          | 295,994                           | 172,856                              | 662.40                  | 249                   | 12      | 261        | 139             | 294             | 613,298          |
| Pottery, terra-cotta, and fire-clay products, . . .                      | 8                           | 1,130,698        | 136,437                           | 209,739                              | 631.74                  | 306                   | 26      | 332        | 314             | 435             | 473,388          |
| Printing and publishing, . . .   | 85                          | 6,550,590        | 3,560,969                         | 3,376,807                            | 704.53                  | 3,219                 | 1,574   | 4,793      | 4,360           | 5,266           | 10,144,012       |
| Refrigerators, . . .   | 7                           | 194,725          | 136,526                           | 79,537                               | 864.53                  | 92                    | -       | 92         | 60              | 117             | 347,949          |
| Rubber goods, not elsewhere specified, . . .                             | 19                          | 4,101,122        | 3,040,086                         | 860,372                              | 620.31                  | 1,140                 | 247     | 1,387      | 1,174           | 1,659           | 5,322,833        |
| Saddlery and harness, . . .  | 14                          | 124,720          | 164,631                           | 43,472                               | 820.23                  | 53                    | -       | 53         | 50              | 62              | 283,900          |
| Sausage, not made in slaughtering and meat-packing establishments, . . . | 17                          | 400,463          | 1,214,141                         | 113,903                              | 600.32                  | 164                   | 1       | 165        | 149             | 194             | 1,514,510        |
| Screws, machine, . . .   | 7                           | 252,310          | 137,565                           | 102,735                              | 654.36                  | 151                   | 6       | 157        | 140             | 184             | 306,956          |
| Shipbuilding, wooden, including boat building, . . .                     | 21                          | 387,611          | 355,377                           | 413,921                              | 862.34                  | 430                   | -       | 430        | 212             | 676             | 1,061,224        |
| Shirts, . . .  | 5                           | 181,408          | 168,830                           | 79,427                               | 443.73                  | 22                    | 157     | 179        | 139             | 200             | 366,423          |
| Show cases, . . .  | 9                           | 59,720           | 90,390                            | 64,039                               | 531.68                  | 77                    | -       | 77         | 61              | 95              | 194,433          |
| Signs and advertising novelties, . . .                                   | 5                           | 64,886           | 59,577                            | 50,164                               | 783.81                  | 55                    | 9       | 64         | 52              | 77              | 164,128          |
| Slaughtering and meat packing, . . .                                     | 16                          | 13,284,906       | 41,002,969                        | 1,476,062                            | 570.35                  | 2,564                 | 24      | 2,588      | 2,412           | 2,811           | 45,610,083       |

|  |     |            |            |            |        |        |       |        |        |        |            |
|--|-----|------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Soap, . . . . .  | 26  | 2,045,892  | 2,515,001  | 215,019    | 530.91 | 286    | 119   | 405    | 359    | 443    | 4,308,211  |
| Stationery goods, not elsewhere specified, . .                   | 5   | 362,493    | 344,293    | 82,334     | 482.55 | 83     | 95    | 178    | 153    | 213    | 551,767    |
| Statuary and art goods, . . . . .                                | 10  | 249,081    | 53,724     | 69,876     | 653.05 | 106    | 1     | 107    | 82     | 151    | 199,522    |
| Steam fittings and heating apparatus, . .                        | 18  | 5,452,387  | 1,889,872  | 1,411,303  | 694.72 | 1,993  | 96    | 2,061  | 1,833  | 2,245  | 4,580,770  |
| Steam packing, . . . . .   | 9   | 137,968    | 106,386    | 46,646     | 686.97 | 67     | 1     | 68     | 56     | 74     | 280,680    |
| Stereotyping and electrotyping, . . . .                          | 6   | 163,092    | 76,090     | 157,096    | 867.93 | 131    | -     | 181    | 169    | 190    | 354,444    |
| Stoves and furnaces, not including gas and oil stoves, . . . . . | 5   | 1,849,921  | 490,703    | 611,407    | 814.12 | 748    | 3     | 751    | 654    | 801    | 1,482,259  |
| Structural ironwork, . . . . .                                   | 37  | 2,333,733  | 1,922,708  | 981,707    | 766.97 | 1,275  | -     | 1,275  | 1,048  | 1,498  | 3,496,079  |
| Surgical appliances, . . . . .                                   | 9   | 143,180    | 81,572     | 78,887     | 600.30 | 66     | 64    | 129    | 115    | 144    | 262,963    |
| Suspenders, garters, and elastic woven goods, . . . . .          | 15  | 2,363,618  | 2,139,167  | 600,819    | 438.87 | 236    | 1,133 | 1,369  | 1,196  | 1,693  | 3,615,080  |
| Tobacco manufactures, . . . . .                                  | 133 | 3,182,114  | 2,895,214  | 2,455,507  | 837.30 | 2,300  | 733   | 2,933  | 2,568  | 3,271  | 7,089,908  |
| Trunks and valises, . . . . .                                    | 16  | 351,925    | 381,983    | 187,455    | 560.34 | 209    | 72    | 261    | 163    | 364    | 725,263    |
| Typographical and printing materials, . .                        | 8   | 265,091    | 88,999     | 80,493     | 746.31 | 86     | 22    | 108    | 107    | 124    | 270,788    |
| Watch and clock materials, . . . . .                             | 6   | 137,457    | 39,630     | 91,234     | 536.67 | 60     | 110   | 170    | 123    | 194    | 194,176    |
| Window shades and fixtures, . . . . .                            | 6   | 66,787     | 110,975    | 18,342     | 539.47 | 31     | 3     | 34     | 27     | 39     | 169,465    |
| Wirework, including wire rope and cable, .                       | 8   | 153,913    | 100,804    | 115,405    | 725.06 | 153    | 4     | 157    | 132    | 174    | 330,939    |
| Wood, turned and carved, . . . . .                               | 11  | 166,606    | 35,209     | 31,157     | 556.38 | 54     | 2     | 56     | 39     | 83     | 94,405     |
| Wooden goods, not elsewhere specified, . .                       | 11  | 229,592    | 149,474    | 81,035     | 555.03 | 123    | 23    | 146    | 117    | 166    | 299,818    |
| Woolen and worsted goods, . . . . .                              | 4   | 2,337,931  | 1,790,994  | 475,309    | 520.49 | 522    | 391   | 913    | 591    | 1,173  | 2,250,034  |
| All other industries, . . . . .                                  | 237 | 82,624,553 | 57,702,354 | 17,061,797 | 648.66 | 20,135 | 6,168 | 26,303 | 23,240 | 29,210 | 89,197,515 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
D. METROPOLITAN BOSTON — 1913.  
[Arranged in order of Product Value.]

| CITIES AND TOWNS.    | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|----------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|                      |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|                      |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|                      |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| METROPOLITAN BOSTON. |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Boston,              | 3,564                                      | \$362,458,228       | \$328,679,284                                 | \$197,661,823                                    | \$239.14                      | 129,626               | 51,974  | 173,694            | 142,324            | 260,064             | \$509,399,194 |
| LYNN, . . . . .      | 2,104                                      | 152,468,678         | 143,300,538                                   | 46,779,211                                       | 622.11                        | 49,837                | 25,367  | 75,194             | 61,283             | 89,021              | 252,222,872   |
| CAMBRIDGE,           | 365  | 34,107,822          | 43,101,464                                    | 18,210,387                                       | 641.01                        | 19,969                | 8,450   | 28,409             | 22,770             | 32,849              | 78,947,766    |
| SOMERVILLE,          | 243  | 34,812,464          | 29,555,866                                    | 9,848,301  | 598.76                        | 11,585                | 4,983   | 16,448             | 14,016             | 18,497              | 51,863,096    |
| CHELSEA,             | 93   | 18,693,878          | 42,237,455                                    | 3,542,479  | 600.32                        | 5,549                 | 382     | 5,901              | 5,269              | 6,669               | 50,279,087    |
| WATER-<br>TOWN,      | 99   | 9,482,839           | 8,961,408                                     | 3,570,905  | 621.08                        | 4,184                 | 1,660   | 5,744              | 4,903              | 6,494               | 16,167,466    |
| QUINCY,              | 13   | 9,240,079           | 7,317,663                                     | 2,641,219  | 537.85                        | 3,077                 | 1,416   | 4,493              | 3,381              | 4,862               | 15,153,987    |
| EVERETT,             | 157  | 10,694,410          | 6,236,578                                     | 4,863,976  | 755.98                        | 5,964                 | 470     | 6,434              | 5,672              | 7,212               | 12,922,081    |
| WALTHAM,             | 53   | 23,558,431          | 5,891,057                                     | 1,883,028  | 669.85                        | 2,365                 | 427     | 2,812              | 2,439              | 3,276               | 11,603,469    |
| Weymouth,            | 64   | 17,263,978          | 4,246,481                                     | 4,232,366  | 601.70                        | 4,569                 | 2,475   | 7,094              | 6,063              | 7,703               | 11,571,080    |
| MALDEN,              | 29   | 5,340,382           | 5,170,022                                     | 1,360,238  | 613.27                        | 1,602                 | 616     | 2,218              | 1,831              | 2,890               | 8,184,508     |
| WOBURN,              | 63   | 7,550,551           | 3,791,896                                     | 1,407,291  | 510.81                        | 1,422                 | 1,333   | 2,755              | 2,381              | 3,086               | 7,866,779     |
| BRAINTREE,           | 45   | 8,246,269           | 4,037,630                                     | 875,385  | 592.28                        | 1,379                 | 99      | 1,478              | 1,064              | 1,951               | 6,025,416     |
| Wakefield,           | 16   | 2,482,596           | 3,491,937                                     | 1,276,436  | 590.40                        | 1,411                 | 751     | 2,162              | 1,837              | 2,439               | 5,968,316     |
| NEWTON,              | 17   | 4,738,404           | 3,013,031                                     | 1,251,802  | 553.65                        | 1,403                 | 858     | 2,261              | 2,028              | 2,463               | 5,921,253     |
| Winchester,          | 37   | 5,686,937           | 3,353,407                                     | 1,241,367  | 553.69                        | 1,541                 | 701     | 2,242              | 1,769              | 2,717               | 5,266,231     |
| Winchester,          | 17   | 2,433,772           | 3,351,723                                     | 669,364  | 586.65                        | 1,046                 | 95      | 1,141              | 943                | 1,336               | 4,897,398     |

|                           |    |           |           |         |        |     |     |     |     |       |           |
|---------------------------|----|-----------|-----------|---------|--------|-----|-----|-----|-----|-------|-----------|
| MANFORD,                  | 28 | 2,133,241 | 1,910,567 | 374,121 | 638.43 | 499 | 87  | 586 | 456 | 709   | 2,633,117 |
| MELROSE,                  | 16 | 2,919,722 | 1,366,881 | 458,170 | 478.76 | 443 | 514 | 937 | 789 | 1,109 | 2,502,299 |
| STONEHAM,                 | 18 | 1,012,642 | 1,416,681 | 481,334 | 517.01 | 557 | 374 | 931 | 702 | 1,096 | 2,163,926 |
| NEEDHAM,                  | 19 | 1,833,461 | 1,049,376 | 542,294 | 643.39 | 285 | 558 | 843 | 706 | 946   | 2,149,137 |
| CANTON,                   | 15 | 3,071,483 | 847,645   | 498,824 | 575.34 | 673 | 194 | 867 | 747 | 1,065 | 1,932,267 |
| DORCHESTER,               | 10 | 667,041   | 537,670   | 160,793 | 452.94 | 202 | 153 | 345 | 312 | 390   | 746,811   |
| WELLESLEY,                | 4  | 654,645   | 427,009   | 130,218 | 551.77 | 124 | 112 | 236 | 191 | 277   | 655,986   |
| BROOKLINE,                | 10 | 600,499   | 244,028   | 223,881 | 674.34 | 303 | 29  | 332 | 290 | 360   | 590,436   |
| REVERE,                   | 5  | 873,308   | 312,092   | 74,980  | 742.38 | 96  | 5   | 101 | 88  | 108   | 491,131   |
| ARLINGTON,                | 13 | 326,735   | 168,477   | 100,110 | 700.07 | 137 | 6   | 143 | 127 | 163   | 370,043   |
| LEXINGTON,                | 5  | 359,210   | 187,027   | 46,513  | 637.16 | 56  | 17  | 73  | 65  | 79    | 343,062   |
| HINGHAM,                  | 6  | 213,763   | 66,469    | 52,965  | 524.41 | 69  | 32  | 101 | 59  | 137   | 182,836   |
| MILTON,                   | 4  | 94,017    | 64,636    | 32,214  | 555.41 | 41  | 17  | 58  | 41  | 73    | 171,622   |
| WINTHROP,                 | 3  | 98,590    | 17,470    | 9,298   | 619.87 | 12  | 3   | 15  | 13  | 18    | 38,762    |
| SWAMPSCOTT,               | 3  | 14,122    | 12,603    | 7,079   | 471.93 | 9   | 6   | 15  | 10  | 19    | 28,454    |
| Other towns, <sup>1</sup> | 13 | 483,909   | 174,598   | 184,674 | 724.21 | 211 | 44  | 255 | 199 | 390   | 510,455   |

<sup>1</sup> Includes Belmont, Cohasset, Dover, Hull, Nahant, Saugus, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

| TOWNS AND INDUSTRIES.                                 | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |             | Value of Product |
|---|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|-------------|------------------|
|   |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |             |                  |
|   |                             |                  |                                   |                                      |                         | Average Number        |         |                 |                 |             |                  |
|   |                             |                  |                                   |                                      |                         | Males                 | Females |                 |                 |             |                  |
| Abington, . . . . .                                   | 12                          | \$2,612,825      | \$2,889,300                       | \$1,116,904                          | \$201.13                | 1,352                 | 506     | 1,519           | 2,044           | \$4,901,457 |                  |
| Acton, . . . . .                                      | 15                          | 1,514,537        | 419,179                           | 165,596                              | 583.25                  | 263                   | 31      | 294             | 344             | 841,418     |                  |
| Adams, . . . . .                                      | 28                          | 8,363,107        | 3,495,594                         | 1,849,392                            | 482.74                  | 2,239                 | 1,592   | 3,831           | 4,035           | 6,160,930   |                  |
| Agawam, . . . . .                                     | 3                           | 466,491          | 218,004                           | 87,413                               | 580.37                  | 91                    | 65      | 156             | 166             | 668,014     |                  |
| Amesbury, . . . . .                                   | 45                          | 2,479,788        | 1,894,568                         | 1,138,890                            | 678.78                  | 1,474                 | 195     | 1,669           | 2,016           | 3,218,064   |                  |
| Automobiles, including bodies and parts, . . . . .    | 16                          | 1,361,340        | 900,628                           | 639,676                              | 779.14                  | 811                   | 10      | 821             | 1,021           | 1,983,612   |                  |
| Bread and other bakery products, . . . . .            | 3                           | 15,700           | 23,165                            | 5,668                                | 629.78                  | 9                     | -       | 9               | 9               | 36,900      |                  |
| Carriages and wagons and materials, . . . . .         | 6                           | 104,880          | 52,365                            | 27,913                               | 649.14                  | 42                    | 1       | 43              | 37              | 101,453     |                  |
| Other industries, . . . . .                           | 18                          | 1,098,166        | 918,210                           | 459,633                              | 577.43                  | 612                   | 184     | 796             | 936             | 1,796,099   |                  |
| Amherst, . . . . .                                    | 16                          | 1,165,214        | 865,207                           | 278,105                              | 599.36                  | 257                   | 207     | 464             | 638             | 1,431,405   |                  |
| Andover, . . . . .                                    | 10                          | 3,797,471        | 1,840,550                         | 722,490                              | 498.37                  | 893                   | 557     | 1,450           | 1,637           | 3,349,736   |                  |
| Arlington, . . . . .                                  | 13                          | 326,785          | 168,477                           | 100,110                              | 700.07                  | 137                   | 6       | 143             | 127             | 163         |                  |
| Ashburnham, . . . . .                                 | 9                           | 1,012,265        | 258,564                           | 227,410                              | 562.90                  | 386                   | 18      | 404             | 365             | 370,043     |                  |
| Attol, . . . . .                                      | 29                          | 7,977,983        | 1,937,507                         | 1,522,415                            | 602.70                  | 1,945                 | 681     | 2,826           | 2,776           | 644,991     |                  |
| Attleborough, . . . . .                               | 136                         | 16,397,395       | 8,478,547                         | 4,907,687                            | 696.60                  | 4,996                 | 1,769   | 6,716           | 7,867           | 4,391,957   |                  |
| Cutlery and tools, not elsewhere specified, . . . . . | 5                           | 25,750           | 4,189                             | 12,686                               | 551.57                  | 23                    | -       | 23              | 16              | 36,006      |                  |
| Engraving and diecasting, . . . . .                   | 7                           | 17,285           | 4,845                             | 26,742                               | 708.74                  | 37                    | 1       | 38              | 49              | 53,611      |                  |
| Jewelry, . . . . .                                    | 81                          | 8,381,426        | 4,094,940                         | 2,536,658                            | 645.30                  | 2,641                 | 1,290   | 3,931           | 4,677           | 9,364,159   |                  |
| Silverware and plated ware, . . . . .                 | 4                           | 1,549,664        | 803,961                           | 413,173                              | 737.81                  | 492                   | 68      | 500             | 638             | 1,668,424   |                  |
| Other industries, . . . . .                           | 39                          | 6,153,901        | 3,670,612                         | 1,218,268                            | 568.28                  | 1,733                 | 430     | 2,163           | 2,453           | 5,851,334   |                  |
| Auburn, . . . . .                                     | 4                           | 955,273          | 683,914                           | 177,199                              | 546.91                  | 240                   | 84      | 234             | 299             | 987,353     |                  |
| Ayer, . . . . .                                       | 11                          | 485,351          | 205,259                           | 84,513                               | 671.03                  | 126                   | 23      | 148             | 176             | 308,333     |                  |





TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.                                 | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |               |
|   |  |                     |   |  |                               |                       |         |                    |                    |                     | Both<br>Sexes |
| Easthampton, . . . . .                                | 15   | \$6,259,755         | \$5,977,160                                   | \$1,572,460                                      | \$489.41                      | 1,896                 | 1,317   | 3,213              | 2,947              | 3,506               | \$9,753,209   |
| Easton, . . . . .                                     | 6  | 2,350,059           | 680,319                                       | 311,123  | 605.30                        | 446                   | 68      | 514                | 436                | 609                 | 1,405,663     |
| Erving, . . . . .                                     | 4  | 1,571,535           | 627,915                                       | 423,851  | 636.41                        | 562                   | 104     | 666                | 589                | 741                 | 1,294,655     |
| Essex, . . . . .                                      | 3  | 29,928              | 53,785  | 20,438   | 756.96                        | 27                    | -       | 27                 | 20                 | 38                  | 84,842        |
| Foxborough, . . . . .                                 | 11   | 528,995             | 467,665                                       | 223,752  | 606.37                        | 207                   | 162     | 369                | 187                | 566                 | 789,648       |
| Framingham, . . . . .                                 | 37   | 6,746,278           | 4,589,545                                     | 2,466,396  | 586.26                        | 2,664                 | 1,543   | 4,207              | 3,481              | 4,906               | 9,072,216     |
| Franklin, . . . . .                                   | 24   | 2,334,210           | 2,140,069                                     | 634,633  | 591.46                        | 808                   | 265     | 1,073              | 843                | 1,269               | 3,530,912     |
| Gardner, . . . . .                                    | 53   | 12,656,338          | 3,396,982                                     | \$2,348,699                                      | 586.89                        | 3,955                 | 508     | 4,463              | 3,747              | 5,217               | 7,342,298     |
| Bread and other bakery products, . . . . .            | 6  | 21,525              | 51,295  | 17,029   | 681.16                        | 25                    | -       | 25                 | 23                 | 27                  | 89,140        |
| Foundry and machine-shop products, . . . . .          | 7  | 216,169             | 101,379                                       | 92,048   | 643.69                        | 143                   | -       | 143                | 125                | 160                 | 278,515       |
| Furniture, . . . . .                                  | 19   | 11,424,455          | 2,709,260                                     | 1,944,019  | 510.24                        | 3,365                 | 445     | 3,810              | 3,233              | 4,451               | 5,849,683     |
| Other industries, . . . . .                           | 21   | 994,189             | 535,048                                       | 295,603  | 609.49                        | 422                   | 63      | 485                | 366                | 579                 | 1,124,960     |
| Georgetown, . . . . .                                 | 6  | 167,167             | 224,856                                       | 59,526   | 480.05                        | 107                   | 17      | 124                | 114                | 132                 | 301,479       |
| Grafton, . . . . .                                    | 12   | 2,106,868           | 2,012,479                                     | 723,892  | 494.46                        | 780                   | 684     | 1,464              | 1,286              | 1,559               | 3,214,184     |
| Great Barrington, . . . . .                           | 13   | 3,509,432           | 1,750,652                                     | 529,423  | 496.18                        | 663                   | 404     | 1,067              | 1,041              | 1,098               | 2,735,607     |
| Greenfield, . . . . .                                 | 33   | 3,605,109           | 1,490,933                                     | 988,694  | 593.81                        | 1,479                 | 186     | 1,665              | 1,409              | 1,882               | 3,778,667     |
| Cutlery and tools, not elsewhere specified, . . . . . | 8  | 2,669,874           | 557,134                                       | 682,492  | 612.10                        | 1,086                 | 29      | 1,115              | 1,045              | 1,196               | 2,123,541     |
| Foundry and machine-shop products, . . . . .          | 5  | 118,026             | 18,711  | 29,380   | 753.33                        | 39                    | -       | 39                 | 31                 | 45                  | 80,557        |
| Other industries, . . . . .                           | 20   | 1,015,209           | 825,988                                       | 276,822  | 541.73                        | 354                   | 157     | 511                | 416                | 641                 | 1,574,569     |
| Groton, . . . . .                                     | 5  | 917,776             | 761,828                                       | 173,332  | 641.97                        | 265                   | 5       | 270                | 238                | 289                 | 1,089,578     |

|   |    |           |           |           |        |       |       |       |       |       |            |
|---|----|-----------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Hanover, . . . . .                                    | 4  | 834,607   | 793,279   | 216,247   | 560,23 | 324   | 63    | 886   | 314   | 489   | 1,130,151  |
| Hingham, . . . . .                                    | 6  | 213,763   | 66,466    | 53,965    | 524,41 | 60    | 32    | 101   | 59    | 137   | 182,836    |
| Hudson, . . . . .                                     | 28 | 3,787,507 | 4,180,966 | 1,263,227 | 545,83 | 1,560 | 782   | 2,351 | 1,718 | 2,912 | 6,355,337  |
| Kingston, . . . . .                                   | 5  | 245,901   | 162,671   | 79,399    | 644,35 | 112   | 12    | 124   | 118   | 120   | 274,511    |
| Lee, . . . . .  | 13 | 1,925,681 | 1,051,541 | 492,973   | 537,03 | 637   | 228   | 885   | 789   | 967   | 1,002,595  |
| Leicester, . . . . .                                  | 10 | 1,530,970 | 1,051,804 | 448,725   | 531,04 | 520   | 335   | 845   | 772   | 896   | 2,085,802  |
| Leominster, . . . . .                                 | 70 | 5,645,387 | 6,153,956 | 2,700,208 | 559,31 | 3,880 | 1,787 | 6,007 | 5,851 | 6,001 | 10,074,551 |
| Bread and other bakery products, . . . . .            | 5  | 14,075    | 64,748    | 18,040    | 791,58 | 19    | -     | 19    | 19    | 21    | 118,489    |
| Combs and hairpins, . . . . .                         | 23 | 1,549,965 | 1,396,223 | 795,245   | 530,08 | 1,125 | 406   | 1,531 | 1,160 | 2,028 | 2,969,038  |
| Cutlery and tools, not elsewhere specified, . . . . . | 3  | 16,150    | 3,031     | 8,700     | 790,91 | 11    | -     | 11    | 8     | 15    | 22,501     |
| Foundry and machine-shop products, . . . . .          | 3  | 31,628    | 3,990     | 15,564    | 819,16 | 19    | -     | 19    | 19    | 20    | 37,173     |
| Other industries, . . . . .                           | 36 | 3,933,649 | 3,693,963 | 1,964,757 | 544,14 | 2,106 | 1,321 | 3,427 | 2,635 | 3,917 | 7,217,411  |
| Lexington, . . . . .                                  | 5  | 359,210   | 187,027   | 46,513    | 637,16 | 56    | 17    | 73    | 65    | 79    | 345,062    |
| Manchester, . . . . .                                 | 5  | 67,917    | 20,852    | 18,009    | 744,36 | 24    | 1     | 25    | 20    | 23    | 63,313     |
| Mansfield, . . . . .                                  | 20 | 2,120,241 | 1,610,627 | 489,037   | 545,11 | 689   | 194   | 833   | 685   | 1,087 | 3,061,653  |
| Marblehead, . . . . .                                 | 28 | 666,374   | 743,668   | 417,405   | 537,66 | 469   | 296   | 798   | 669   | 963   | 1,270,101  |
| Boots and shoes, . . . . .                            | 11 | 407,778   | 625,890   | 345,941   | 494,91 | 415   | 284   | 699   | 605   | 828   | 1,113,404  |
| Other industries, . . . . .                           | 11 | 158,696   | 117,678   | 71,964    | 773,81 | 81    | 12    | 93    | 64    | 125   | 256,997    |
| Medway, . . . . .                                     | 10 | 480,089   | 528,724   | 238,980   | 597,37 | 242   | 183   | 395   | 280   | 596   | 881,548    |
| Merrimac, . . . . .                                   | 7  | 355,497   | 222,477   | 141,855   | 720,08 | 188   | 9     | 197   | 146   | 261   | 471,117    |
| Methuen, . . . . .                                    | 19 | 3,394,398 | 2,676,068 | 667,720   | 480,37 | 613   | 777   | 1,390 | 1,260 | 1,531 | 4,067,534  |
| Middleborough, . . . . .                              | 17 | 3,081,746 | 3,711,945 | 1,094,931 | 602,47 | 1,257 | 560   | 1,317 | 1,013 | 1,968 | 5,654,560  |
| Milford, . . . . .                                    | 39 | 2,110,068 | 2,685,902 | 1,051,808 | 616,86 | 1,156 | 584   | 1,709 | 1,659 | 2,902 | 4,469,555  |
| Boots and shoes, . . . . .                            | 3  | 728,135   | 1,560,453 | 460,446   | 616,39 | 508   | 229   | 747   | 660   | 798   | 2,333,131  |
| Bread and other bakery products, . . . . .            | 7  | 16,100    | 39,171    | 10,186    | 679,07 | 15    | -     | 15    | 15    | 16    | 71,736     |
| Monuments and tombstones, . . . . .                   | 3  | 21,400    | 3,987     | 15,298    | 950,50 | 16    | -     | 16    | 2     | 33    | 26,479     |
| Tobacco manufactures, . . . . .                       | 5  | 42,821    | 31,979    | 27,093    | 712,97 | 27    | 11    | 38    | 33    | 44    | 82,273     |
| Other industries, . . . . .                           | 21 | 1,301,002 | 989,612   | 541,275   | 606,13 | 619   | 274   | 893   | 549   | 1,312 | 1,945,966  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.  
 E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.             | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |             |
|-----------------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|-------------|
|                                   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |             |
|                                   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |             |
|                                   |  |                     |   |  |                               | Both<br>Sexes         |         |                    |                    |                     |             |
| Millbury, . . . . .               | 25   | \$2,120,177         | \$1,446,371                                   | \$528,415  | \$555.64                      | 690                   | 261     | 951                | 706                | 1,090               | \$2,453,360 |
| Milton, . . . . .                 | 4  | 94,017              | 64,036  | 32,314   | 585.41                        | 41                    | 17      | 58                 | 41                 | 73                  | 171,622     |
| Moscon, . . . . .                 | 7  | 943,640             | 737,978                                       | 380,372  | 594.17                        | 451                   | 206     | 657                | 404                | 920                 | 1,342,312   |
| Montague, . . . . .               | 16   | 3,572,661           | 1,240,190                                     | 710,073  | 567.15                        | 877                   | 375     | 1,262              | 1,138              | 1,373               | 2,440,060   |
| Natick, . . . . .                 | 59   | 1,645,764           | 2,769,981                                     | 749,808  | 650.59                        | 1,048                 | 318     | 1,360              | 1,245              | 1,473               | 4,066,768   |
| Boots and shoes, . . . . .        | 10   | 1,226,546           | 2,479,940                                     | 574,661  | 559.57                        | 878                   | 149     | 1,027              | 984                | 1,089               | 3,469,743   |
| Other industries, . . . . .       | 22   | 419,218             | 290,141                                       | 174,121  | 532.89                        | 164                   | 169     | 323                | 309                | 384                 | 587,026     |
| Needham, . . . . .                | 19   | 1,535,461           | 1,049,576                                     | 648,894  | 645.29                        | 865                   | 558     | 845                | 708                | 946                 | 3,149,157   |
| Hosiery and knit goods, . . . . . | 8  | 1,661,534           | 902,804                                       | 479,178  | 655.51                        | 305                   | 536     | 731                | 641                | 800                 | 1,832,399   |
| Other industries, . . . . .       | 11   | 271,927             | 146,572                                       | 63,116   | 583.54                        | 80                    | 32      | 112                | 65                 | 146                 | 316,748     |
| North Andover, . . . . .          | 7  | 1,817,743           | 1,660,792                                     | 685,253  | 520.04                        | 1,019                 | 241     | 1,260              | 1,065              | 1,457               | 2,760,717   |
| North Attleborough, . . . . .     | 69   | 6,080,768           | 3,585,998                                     | 1,863,180  | 616.75                        | 1,990                 | 824     | 2,321              | 2,387              | 3,345               | 6,883,457   |
| Jewelry, . . . . .                | 37   | 4,325,937           | 1,487,094                                     | 1,249,397  | 666.35                        | 1,378                 | 497     | 1,875              | 1,581              | 2,206               | 3,968,810   |
| Other industries, . . . . .       | 22   | 1,794,825           | 1,038,232                                     | 613,723  | 646.70                        | 612                   | 337     | 949                | 806                | 1,142               | 2,254,627   |
| North Brookfield, . . . . .       | 7  | 818,257             | 825,396                                       | 207,981  | 468.10                        | 319                   | 130     | 449                | 429                | 465                 | 1,355,379   |
| North Reading, . . . . .          | 5  | 120,494             | 103,050                                       | 42,434   | 632.83                        | 61                    | 4       | 65                 | 61                 | 70                  | 198,324     |
| Northborough, . . . . .           | 4  | 54,320              | 31,000  | 22,469   | 534.98                        | 40                    | 2       | 42                 | 34                 | 51                  | 77,479      |
| Northbridge, . . . . .            | 10   | 6,019,592           | 2,167,951                                     | 1,953,990  | 563.26                        | 2,578                 | 591     | 3,469              | 3,231              | 3,863               | 4,908,572   |
| Norton, . . . . .                 | 7  | 1,158,291           | 864,198                                       | 386,130  | 575.45                        | 443                   | 229     | 671                | 647                | 760                 | 974,263     |
| Norwood, . . . . .                | 15   | 7,790,210           | 6,468,635                                     | 1,410,003  | 659.52                        | 1,666                 | 473     | 2,138              | 1,948              | 2,323               | 10,468,360  |

|   |    |            |            |           |        |       |       |       |       |       |            |
|---|----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Orange,                                 | 19 | 2,565,569  | 962,560    | 649,544   | 612.30 | 876   | 186   | 1,061 | 977   | 1,156 | 2,328,446  |
| Oxford,                                 | 8  | 1,181,988  | 1,149,787  | 569,864   | 479.18 | 495   | 239   | 731   | 675   | 791   | 1,387,909  |
| Woolen and worsted goods,               | 4  | 523,171    | 555,708    | 210,039   | 478.45 | 271   | 168   | 439   | 418   | 470   | 968,510    |
| Other industries,                       | 4  | 658,815    | 594,079    | 140,245   | 480.29 | 224   | 68    | 292   | 257   | 321   | 829,399    |
| Palmer,                                 | 12 | 2,797,667  | 3,143,649  | 1,326,990 | 493.86 | 1,777 | 910   | 2,687 | 2,351 | 2,835 | 5,520,001  |
| Peabody,                                | 69 | 19,401,879 | 18,645,169 | 3,376,118 | 689.02 | 6,546 | 453   | 6,799 | 6,033 | 6,696 | 19,552,564 |
| Boot and shoe out stock and findings,   | 7  | 69,538     | 80,610     | 38,096    | 399.86 | 37    | 66    | 103   | 92    | 115   | 187,253    |
| Carriages and wagons and materials,     | 3  | 36,400     | 11,510     | 16,846    | 792.30 | 20    | -     | 30    | 17    | 24    | 38,348     |
| Leather, tanned, curried, and finished, | 36 | 15,083,454 | 10,762,880 | 2,631,816 | 597.19 | 4,345 | 62    | 4,407 | 3,786 | 5,089 | 14,768,989 |
| Other industries,                       | 23 | 4,214,887  | 1,800,169  | 689,354   | 543.23 | 944   | 325   | 1,269 | 1,138 | 1,467 | 3,390,974  |
| Pepperell,                              | 8  | 1,984,707  | 2,026,741  | 327,831   | 549.13 | 468   | 129   | 597   | 543   | 656   | 2,797,821  |
| Plainville,                             | 7  | 608,660    | 286,159    | 297,661   | 598.92 | 281   | 216   | 497   | 337   | 698   | 959,396    |
| Plymouth,                               | 22 | 10,443,429 | 10,662,341 | 1,376,640 | 493.86 | 2,282 | 599   | 2,861 | 2,431 | 3,373 | 14,374,264 |
| Randolph,                               | 6  | 560,711    | 997,397    | 301,446   | 744.31 | 268   | 137   | 405   | 295   | 440   | 1,549,725  |
| Reading,                                | 17 | 1,261,449  | 2,431,558  | 254,008   | 600.49 | 299   | 124   | 423   | 351   | 495   | 3,073,628  |
| Revere,                                 | 5  | 873,306    | 312,092    | 74,980    | 742.38 | 96    | 5     | 101   | 88    | 108   | 491,121    |
| Rockland,                               | 16 | 3,634,867  | 4,079,388  | 1,836,196 | 614.41 | 1,481 | 691   | 2,018 | 1,489 | 2,566 | 6,364,138  |
| Boots and shoes,                        | 5  | 2,139,786  | 3,276,141  | 1,131,960 | 619.57 | 1,305 | 522   | 1,827 | 1,325 | 2,153 | 5,346,390  |
| Other industries,                       | 10 | 505,081    | 803,185    | 104,245   | 563.49 | 116   | 69    | 185   | 164   | 203   | 1,004,778  |
| Rockport,                               | 11 | 861,484    | 371,800    | 367,873   | 661.10 | 558   | 7     | 566   | 420   | 706   | 839,960    |
| Rowley,                                 | 6  | 283,221    | 274,225    | 72,379    | 599.71 | 117   | 25    | 142   | 130   | 157   | 411,375    |
| Shelburne,                              | 3  | 47,041     | 16,002     | 24,413    | 581.26 | 29    | 3     | 42    | 23    | 46    | 63,072     |
| Shirley,                                | 8  | 1,328,821  | 791,666    | 237,458   | 454.03 | 303   | 220   | 523   | 461   | 562   | 1,425,687  |
| South Hadley,                           | 12 | 1,688,876  | 1,046,830  | 337,420   | 563.31 | 401   | 198   | 599   | 468   | 715   | 1,731,154  |
| Southbridge,                            | 23 | 6,400,788  | 3,920,540  | 2,354,390 | 826.24 | 3,041 | 1,433 | 4,474 | 4,390 | 4,667 | 7,683,533  |
| Spencer,                                | 12 | 1,691,314  | 2,700,423  | 732,816   | 515.09 | 1,071 | 447   | 1,518 | 1,305 | 1,626 | 3,356,133  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Concluded.

## E. FOR 118 TOWNS: BY INDUSTRIES — Concluded.

| TOWNS AND INDUSTRIES.       | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|-----------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|                             |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|                             |  |                     |   |  |                               | Average Number        |         |               |                    |                    |                     |
|                             |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
| Stoneham, . . . . .         | 18   | \$1,012,642         | \$1,416,681                                   | \$481,324  | \$517.01                      | 557                   | 374     | 931           | 702                | 1,096              | \$2,163,926         |
| Stoughton, . . . . .        | 16   | 1,921,988           | 1,782,141                                     | 778,482  | 643.91                        | 855                   | 354     | 1,209         | 961                | 1,388              | 3,451,295           |
| Swampscott, . . . . .       | 3  | 14,132              | 12,003  | 7,079  | 471.93                        | 9                     | 6       | 15            | 10                 | 19                 | 28,454              |
| Templeton, . . . . .        | 16   | 1,680,619           | 1,315,692                                     | 465,468  | 554.13                        | 777                   | 63      | 840           | 712                | 1,002              | 2,143,371           |
| Furniture, . . . . .        | 7  | 740,352             | 328,947                                       | 256,728  | 521.80                        | 472                   | 20      | 492           | 418                | 558                | 790,631             |
| Other industries, . . . . . | 9  | 880,267             | 984,745                                       | 208,740  | 599.85                        | 305                   | 43      | 348           | 294                | 444                | 1,327,740           |
| Townsend, . . . . .         | 6  | 620,210             | 266,202                                       | 132,463  | 588.72                        | 222                   | 3       | 225           | 192                | 256                | 489,488             |
| Uxbridge, . . . . .         | 10   | 2,095,379           | 1,780,229                                     | 562,759  | 513.00                        | 692                   | 405     | 1,097         | 904                | 1,223              | 2,778,351           |
| Wakefield, . . . . .        | 17   | 4,735,404           | 3,013,031                                     | 1,251,802  | 553.65                        | 1,403                 | 858     | 2,261         | 2,098              | 2,463              | 5,921,258           |
| Walpole, . . . . .          | 11   | 7,431,484           | 5,351,530                                     | 1,406,370  | 660.89                        | 1,922                 | 206     | 2,128         | 1,873              | 2,417              | 9,202,042           |
| Ware, . . . . .             | 13   | 1,917,076           | 2,456,582                                     | 1,113,561  | 459.58                        | 1,278                 | 1,145   | 2,423         | 2,003              | 2,539              | 3,894,807           |
| Wareham, . . . . .          | 9  | 1,137,064           | 564,236                                       | 383,926  | 592.48                        | 620                   | 28      | 648           | 565                | 760                | 1,159,623           |
| Warren, . . . . .           | 9  | 1,509,573           | 1,060,322                                     | 558,857  | 477.38                        | 726                   | 455     | 1,180         | 1,004              | 1,335              | 1,993,505           |
| Watertown, . . . . .        | 13   | 9,240,079           | 7,317,663                                     | 2,641,219  | 587.85                        | 3,077                 | 1,416   | 4,493         | 3,881              | 4,962              | 15,153,987          |
| Wellesley, . . . . .        | 4  | 654,646             | 427,009                                       | 130,218  | 551.77                        | 124                   | 112     | 236           | 191                | 277                | 665,986             |
| West Springfield, . . . . . | 13   | 6,483,532           | 2,616,646                                     | 1,456,318  | 700.15                        | 1,609                 | 411     | 2,080         | 1,877              | 2,238              | 5,310,482           |
| West Stockbridge, . . . . . | 5  | 148,807             | 107,975                                       | 67,039   | 572.98                        | 117                   | —       | 117           | 80                 | 140                | 175,399             |
| Westborough, . . . . .      | 10   | 683,044             | 691,572                                       | 253,288  | 551.83                        | 166                   | 293     | 450           | 303                | 569                | 1,312,548           |

|   |       |               |               |              |          |         |        |         |         |         |               |
|---|-------|---------------|---------------|--------------|----------|---------|--------|---------|---------|---------|---------------|
| Westfield, . . . . .                            | 70    | 7,998,774     | 4,158,083     | 2,879,198    | 590.77   | 3,902   | 666    | 3,845   | 3,877   | 4,384   | 9,464,968     |
| Bread and other bakery products, . . . . .      | 5     | 20,100        | 55,518        | 10,866       | 724.40   | 15      | -      | 15      | 13      | 15      | 88,020        |
| Tobacco manufactures, . . . . .                 | 16    | 283,082       | 214,226       | 133,860      | 530.72   | 104     | 144    | 248     | 199     | 285     | 468,496       |
| Whips, . . . . .                                | 20    | 2,232,421     | 1,233,351     | 537,297      | 508.42   | 718     | 339    | 1,037   | 944     | 1,148   | 3,022,163     |
| Other industries, . . . . .                     | 20    | 5,354,201     | 2,682,988     | 1,597,085    | 629.27   | 2,365   | 173    | 2,538   | 2,121   | 2,886   | 5,990,987     |
| Westford, . . . . .                             | 13    | 1,427,761     | 1,732,280     | 369,130      | 501.46   | 484     | 898    | 776     | 570     | 938     | 2,332,000     |
| Marble and stone work, . . . . .                | 10    | 162,052       | 31,666        | 130,375      | 787.43   | 177     | -      | 177     | 46      | 206     | 194,246       |
| Other industries, . . . . .                     | 3     | 1,395,669     | 1,760,554     | 249,755      | 416.95   | 307     | 202    | 590     | 524     | 662     | 2,193,054     |
| Weymouth, . . . . .                             | 29    | 5,540,828     | 5,170,022     | 1,890,688    | 615.27   | 1,602   | 616    | 2,218   | 1,851   | 2,580   | 8,184,508     |
| Boot and shoe cut stock and findings, . . . . . | 5     | 101,775       | 176,411       | 33,114       | 509.45   | 51      | 14     | 65      | 53      | 72      | 225,765       |
| Boots and shoes, . . . . .                      | 7     | 2,487,581     | 2,998,531     | 1,016,312    | 688.66   | 1,075   | 468    | 1,543   | 1,411   | 1,664   | 4,946,509     |
| Boxes, fancy and paper, . . . . .               | 3     | 107,513       | 72,990        | 42,469       | 456.66   | 41      | 52     | 93      | 83      | 100     | 169,659       |
| Bread and other bakery products, . . . . .      | 3     | 14,450        | 49,327        | 13,513       | 711.21   | 19      | -      | 19      | 18      | 22      | 81,040        |
| Other industries, . . . . .                     | 11    | 2,629,063     | 1,872,763     | 254,830      | 511.71   | 416     | 83     | 498     | 367     | 722     | 2,771,535     |
| Whitman, . . . . .                              | 15    | 3,152,516     | 3,993,695     | 1,445,712    | 679.06   | 1,599   | 530    | 2,129   | 1,899   | 2,327   | 6,375,255     |
| Williamaburg, . . . . .                         | 10    | 411,242       | 433,497       | 178,404      | 508.27   | 290     | 61     | 351     | 293     | 408     | 715,407       |
| Winchendon, . . . . .                           | 22    | 2,940,160     | 1,364,174     | 645,165      | 472.30   | 1,111   | 285    | 1,366   | 1,154   | 1,535   | 2,671,826     |
| Winchester, . . . . .                           | 17    | 2,433,772     | 3,581,723     | 669,364      | 586.65   | 1,046   | 95     | 1,141   | 943     | 1,336   | 4,967,268     |
| Winthrop, . . . . .                             | 3     | 88,690        | 17,470        | 9,298        | 619.87   | 12      | 3      | 15      | 13      | 18      | 38,752        |
| All other towns, . . . . .                      | 323   | 57,926,273    | 37,783,212    | 12,924,669   | 525.16   | 17,314  | 7,297  | 24,611  | 19,101  | 28,722  | 62,404,165    |
| Total for the towns, . . . . .                  | 2,186 | \$393,584,935 | \$256,187,114 | \$96,077,293 | \$557.80 | 123,531 | 48,712 | 172,243 | 144,588 | 196,577 | \$442,019,020 |

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1913.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                                     | Number of Establishments | Average Number of Wage-earners | Wages Paid           | Value of Product       | Value Added by Manufacture |
|--|--------------------------|--------------------------------|----------------------|------------------------|----------------------------|
| <b>All Industries,</b>   | <b>8,486</b>             | <b>616,927</b>                 | <b>\$351,329,796</b> | <b>\$1,652,722,263</b> | <b>\$686,949,687</b>       |
| Individual, . . . . .  | 3,528                    | 44,125                         | 17,676,409           | 115,494,027            | 53,284,949                 |
| Firm, . . . . .  | 1,579                    | 55,551                         | 32,646,614           | 164,734,344            | 66,579,549                 |
| Corporation, . . . . .   | 3,274                    | 508,496                        | 296,020,088          | 1,357,569,603          | 567,625,789                |
| Other, <sup>1</sup> . . . . .  | 24                       | 8,755                          | 4,956,635            | 20,930,389             | 9,559,600                  |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 42.0                     | 7.2                            | 5.0                  | 7.0                    | 7.7                        |
| Firm, . . . . .  | 18.8                     | 9.0                            | 9.3                  | 9.9                    | 9.5                        |
| Corporation, . . . . .   | 38.9                     | 82.4                           | 84.3                 | 81.8                   | 81.4                       |
| Other, <sup>1</sup> . . . . .  | 0.3                      | 1.4                            | 1.4                  | 1.3                    | 1.4                        |
| <b>Automobiles, including bod-<br/>ies and parts, . . . . .</b>            | <b>57</b>                | <b>4,165</b>                   | <b>3,462,154</b>     | <b>11,255,792</b>      | <b>6,246,123</b>           |
| Individual, . . . . .  | 15                       | 207                            | 170,750              | 544,722                | 332,330                    |
| Firm, . . . . .  | 9                        | 345                            | 260,215              | 679,901                | 442,830                    |
| Corporation, . . . . .   | 33                       | 3,613                          | 2,971,189            | 10,041,079             | 5,470,963                  |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 26.3                     | 5.0                            | 5.0                  | 4.8                    | 5.3                        |
| Firm, . . . . .  | 15.8                     | 8.3                            | 7.6                  | 6.0                    | 7.1                        |
| Corporation, . . . . .   | 57.9                     | 86.7                           | 87.4                 | 89.2                   | 87.6                       |
| <b>Boots and shoes, exclusive of<br/>cut stock and findings, . . . . .</b> | <b>453</b>               | <b>51,238</b>                  | <b>59,779,185</b>    | <b>216,087,911</b>     | <b>85,796,740</b>          |
| Individual, . . . . .  | 143                      | 7,906                          | 4,949,283            | 19,533,291             | 8,258,428                  |
| Firm, . . . . .  | 120                      | 14,715                         | 9,364,341            | 39,577,298             | 15,976,106                 |
| Corporation, . . . . .   | 190                      | 58,607                         | 35,465,561           | 157,587,322            | 61,472,206                 |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 31.6                     | 9.7                            | 9.8                  | 9.0                    | 9.6                        |
| Firm, . . . . .  | 26.5                     | 18.1                           | 18.4                 | 18.3                   | 18.7                       |
| Corporation, . . . . .   | 41.9                     | 72.2                           | 71.8                 | 72.7                   | 71.7                       |
| <b>Boot and shoe cut stock and<br/>findings, . . . . .</b>                 | <b>375</b>               | <b>3,319</b>                   | <b>4,359,015</b>     | <b>53,009,872</b>      | <b>11,982,243</b>          |
| Individual, . . . . .  | 173                      | 2,482                          | 1,283,399            | 11,433,007             | 3,045,122                  |
| Firm, . . . . .  | 119                      | 2,417                          | 1,239,615            | 18,974,344             | 3,664,818                  |
| Corporation, . . . . .   | 83                       | 3,411                          | 1,836,081            | 22,602,521             | 4,372,303                  |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 46.1                     | 29.9                           | 29.4                 | 21.6                   | 27.5                       |
| Firm, . . . . .  | 31.7                     | 29.1                           | 28.5                 | 35.8                   | 33.1                       |
| Corporation, . . . . .   | 22.2                     | 41.0                           | 42.1                 | 42.6                   | 39.4                       |
| <b>Bread and other bakery<br/>products, . . . . .</b>                      | <b>994</b>               | <b>6,566</b>                   | <b>3,952,479</b>     | <b>29,331,835</b>      | <b>12,134,295</b>          |
| Individual, . . . . .  | 620                      | 2,121                          | 1,524,899            | 9,974,599              | 4,396,651                  |
| Firm, . . . . .  | 136                      | 1,134                          | 738,951              | 5,271,906              | 2,235,181                  |
| Corporation, . . . . .   | 48                       | 3,251                          | 1,678,630            | 12,085,330             | 6,602,203                  |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 77.1                     | 32.6                           | 38.8                 | 35.2                   | 32.7                       |
| Firm, . . . . .  | 16.9                     | 17.4                           | 18.7                 | 18.6                   | 17.0                       |
| Corporation, . . . . .   | 6.0                      | 50.0                           | 42.5                 | 46.2                   | 50.3                       |
| <b>Clothing, men's, including<br/>shirts, . . . . .</b>                    | <b>219</b>               | <b>7,739</b>                   | <b>4,333,675</b>     | <b>21,772,597</b>      | <b>10,232,914</b>          |
| Individual, . . . . .  | 101                      | 1,686                          | 965,129              | 6,269,100              | 1,721,273                  |
| Firm, . . . . .  | 68                       | 1,892                          | 977,064              | 4,813,964              | 2,507,449                  |
| Corporation, . . . . .   | 50                       | 4,152                          | 2,401,482            | 13,669,543             | 6,004,192                  |
| <i>Per cent of total,</i>  | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 46.1                     | 21.8                           | 22.0                 | 15.1                   | 16.7                       |
| Firm, . . . . .  | 31.1                     | 24.8                           | 22.6                 | 22.1                   | 24.3                       |
| Corporation, . . . . .   | 22.8                     | 53.7                           | 55.4                 | 62.8                   | 59.0                       |

<sup>1</sup> Voluntary associations and co-operative societies.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Clothing, women's,</b>                             | <b>184</b>               | <b>6,652</b>                   | <b>\$3,082,218</b> | <b>\$12,812,249</b> | <b>\$6,529,872</b>         |
| Individual, . . . . .                                 | 73                       | 1,687                          | 843,479            | 3,649,910           | 1,811,583                  |
| Firm, . . . . .                                       | 72                       | 2,051                          | 1,113,235          | 5,146,973           | 2,294,785                  |
| Corporation, . . . . .                                | 39                       | 2,364                          | 1,105,604          | 5,015,366           | 2,414,534                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 39.7                     | 27.0                           | 27.5               | 28.4                | 27.8                       |
| Firm, . . . . .                                       | 39.1                     | 33.9                           | 36.4               | 37.3                | 35.2                       |
| Corporation, . . . . .                                | 21.2                     | 39.1                           | 36.1               | 36.3                | 37.0                       |
| <b>Confectionery,</b>                                 | <b>121</b>               | <b>7,225</b>                   | <b>2,799,212</b>   | <b>20,175,141</b>   | <b>7,489,449</b>           |
| Individual, . . . . .                                 | 50                       | 491                            | 239,701            | 1,323,404           | 562,586                    |
| Firm, . . . . .                                       | 22                       | 210                            | 78,746             | 605,168             | 299,248                    |
| Corporation, . . . . .                                | 49                       | 6,524                          | 2,461,765          | 18,246,569          | 6,637,606                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 41.3                     | 6.8                            | 8.6                | 6.6                 | 7.5                        |
| Firm, . . . . .                                       | 18.2                     | 2.9                            | 2.8                | 3.0                 | 3.6                        |
| Corporation, . . . . .                                | 40.5                     | 90.3                           | 88.6               | 90.4                | 88.9                       |
| <b>Cotton goods, including cotton small wares,</b>    | <b>199</b>               | <b>115,837</b>                 | <b>53,156,512</b>  | <b>211,985,229</b>  | <b>82,389,796</b>          |
| Individual, . . . . .                                 | 8                        | 483                            | 250,294            | 1,654,016           | 548,741                    |
| Firm, . . . . .                                       | 13                       | 1,817                          | 778,722            | 3,139,187           | 1,086,281                  |
| Corporation, . . . . .                                | 169                      | 113,537                        | 52,127,496         | 207,192,017         | 81,745,684                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 4.2                      | 0.4                            | 0.5                | 0.8                 | 0.7                        |
| Firm, . . . . .                                       | 6.8                      | 1.6                            | 1.4                | 1.5                 | 1.3                        |
| Corporation, . . . . .                                | 89.0                     | 98.0                           | 98.1               | 97.7                | 98.0                       |
| <b>Outlery and tools, not elsewhere specified,</b>    | <b>157</b>               | <b>7,129</b>                   | <b>4,513,372</b>   | <b>12,769,732</b>   | <b>9,972,476</b>           |
| Individual, . . . . .                                 | 58                       | 443                            | 294,348            | 790,783             | 568,263                    |
| Firm, . . . . .                                       | 17                       | 113                            | 66,390             | 206,440             | 132,034                    |
| Corporation, . . . . .                                | 62                       | 6,573                          | 4,152,634          | 12,763,509          | 9,273,179                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 42.3                     | 6.2                            | 6.5                | 5.7                 | 5.7                        |
| Firm, . . . . .                                       | 12.4                     | 1.6                            | 1.5                | 1.5                 | 1.3                        |
| Corporation, . . . . .                                | 45.3                     | 92.2                           | 92.0               | 92.8                | 93.0                       |
| <b>Electrical machinery, apparatus and supplies,</b>  | <b>89</b>                | <b>22,437</b>                  | <b>14,352,758</b>  | <b>54,432,691</b>   | <b>29,999,198</b>          |
| Individual, . . . . .                                 | 14                       | 363                            | 173,555            | 882,640             | 460,371                    |
| Firm, . . . . .                                       | 4                        | 27                             | 20,168             | 192,530             | 40,246                     |
| Corporation, . . . . .                                | 62                       | 22,047                         | 14,159,035         | 53,358,521          | 28,799,481                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 17.5                     | 1.6                            | 1.2                | 1.6                 | 1.6                        |
| Firm, . . . . .                                       | 5.0                      | 0.1                            | 0.1                | 0.4                 | 0.1                        |
| Corporation, . . . . .                                | 77.5                     | 98.3                           | 98.7               | 98.0                | 98.3                       |
| <b>Foundry and machine-shop products,<sup>1</sup></b> | <b>763</b>               | <b>45,814</b>                  | <b>21,697,198</b>  | <b>99,949,622</b>   | <b>56,214,274</b>          |
| Individual, . . . . .                                 | 262                      | 2,987                          | 2,055,415          | 6,133,968           | 3,965,059                  |
| Firm, . . . . .                                       | 102                      | 1,547                          | 1,086,774          | 3,278,065           | 2,046,622                  |
| Corporation, . . . . .                                | 399 <sup>2</sup>         | 41,280                         | 28,452,919         | 81,536,060          | 50,182,403                 |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 34.3                     | 6.5                            | 6.5                | 6.7                 | 7.1                        |
| Firm, . . . . .                                       | 13.4                     | 3.4                            | 3.4                | 3.6                 | 3.6                        |
| Corporation, . . . . .                                | 52.3 <sup>2</sup>        | 90.1                           | 90.1               | 89.7                | 89.3                       |

<sup>1</sup> Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; saddlery hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

<sup>2</sup> Includes three associations, in order to avoid disclosing the operations of individual establishments.



TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                        | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Furniture and refrigerators,</b>                           | <b>127</b>               | <b>8,580</b>                   | <b>\$4,779,814</b> | <b>\$15,327,463</b> | <b>\$8,683,323</b>         |
| Individual, . . . . .   | 42                       | 655                            | 390,952            | 1,381,300           | 741,083                    |
| Firm, . . . . .   | 39                       | 1,181                          | 761,945            | 2,359,801           | 1,316,083                  |
| Corporation, . . . . .  | 56 <sup>1</sup>          | 6,544                          | 3,626,917          | 11,786,361          | 6,626,098                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 33.1                     | 7.8                            | 8.2                | 8.4                 | 8.5                        |
| Firm, . . . . .   | 22.8                     | 15.9                           | 13.8               | 14.7                | 15.2                       |
| Corporation, . . . . .  | 44.1 <sup>1</sup>        | 75.9                           | 78.0               | 76.9                | 76.3                       |
| <b>Hosiery and knit goods,</b>                                | <b>65</b>                | <b>19,739</b>                  | <b>4,818,497</b>   | <b>16,683,519</b>   | <b>7,894,426</b>           |
| Individual, . . . . .   | 16                       | 259                            | 123,532            | 584,407             | 249,756                    |
| Firm, . . . . .   | 7                        | 917                            | 429,076            | 2,567,255           | 1,199,943                  |
| Corporation, . . . . .  | 42                       | 9,563                          | 4,261,798          | 13,541,848          | 6,437,727                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 24.6                     | 2.4                            | 2.6                | 3.5                 | 3.2                        |
| Firm, . . . . .   | 10.8                     | 8.5                            | 8.9                | 15.4                | 15.2                       |
| Corporation, . . . . .  | 64.6                     | 89.1                           | 88.5               | 81.1                | 81.6                       |
| <b>Jewelry,</b>   | <b>169</b>               | <b>7,573</b>                   | <b>4,797,583</b>   | <b>16,526,426</b>   | <b>9,791,988</b>           |
| Individual, . . . . .   | 42                       | 1,002                          | 649,323            | 2,114,639           | 1,252,990                  |
| Firm, . . . . .   | 50                       | 2,130                          | 1,384,081          | 4,816,287           | 2,963,071                  |
| Corporation, . . . . .  | 68 <sup>1</sup>          | 4,441                          | 2,764,239          | 9,596,510           | 5,486,027                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 26.3                     | 13.2                           | 13.5               | 12.8                | 12.7                       |
| Firm, . . . . .   | 31.2                     | 28.1                           | 28.9               | 29.1                | 30.8                       |
| Corporation, . . . . .  | 42.5 <sup>1</sup>        | 58.7                           | 57.6               | 58.1                | 56.5                       |
| <b>Leather tanned, curried, and finished,</b>                 | <b>137</b>               | <b>19,321</b>                  | <b>6,128,384</b>   | <b>66,674,670</b>   | <b>11,326,997</b>          |
| Individual, . . . . .   | 44                       | 1,298                          | 764,308            | 2,695,630           | 1,237,437                  |
| Firm, . . . . .   | 25                       | 1,174                          | 663,736            | 4,086,476           | 1,465,708                  |
| Corporation, . . . . .  | 58                       | 7,879                          | 4,711,440          | 39,892,365          | 9,126,917                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 34.6                     | 12.3                           | 12.4               | 5.8                 | 11.2                       |
| Firm, . . . . .   | 19.7                     | 11.4                           | 10.8               | 8.7                 | 13.3                       |
| Corporation, . . . . .  | 45.7                     | 76.3                           | 76.8               | 85.5                | 76.5                       |
| <b>Musical instruments, pianos and organs, and materials,</b> | <b>59</b>                | <b>4,321</b>                   | <b>2,783,394</b>   | <b>9,399,432</b>    | <b>5,391,955</b>           |
| Individual, . . . . .   | 13                       | 101                            | 74,433             | 370,582             | 185,546                    |
| Firm, . . . . .   | 4                        | 87                             | 23,948             | 84,973              | 58,034                     |
| Corporation, . . . . .  | 33                       | 4,083                          | 2,684,913          | 8,753,878           | 5,047,475                  |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 26.0                     | 2.4                            | 2.7                | 4.0                 | 3.5                        |
| Firm, . . . . .   | 8.0                      | 0.9                            | 0.8                | 0.9                 | 1.1                        |
| Corporation, . . . . .  | 66.0                     | 96.7                           | 96.5               | 95.1                | 95.4                       |
| <b>Paper and wood pulp,</b>                                   | <b>83</b>                | <b>14,353</b>                  | <b>3,197,440</b>   | <b>48,462,380</b>   | <b>18,471,596</b>          |
| Individual, . . . . .   | 3                        | 17                             | 10,001             | 44,119              | 24,609                     |
| Firm, . . . . .   | 12                       | 1,894                          | 1,187,317          | 6,973,537           | 2,659,065                  |
| Corporation, . . . . .  | 73                       | 12,451                         | 7,000,122          | 41,385,230          | 15,787,942                 |
| <i>Per cent of total,</i>                                     | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 3.4                      | 0.1                            | 0.1                | 0.1                 | 0.1                        |
| Firm, . . . . .   | 13.6                     | 13.1                           | 14.5               | 14.4                | 14.4                       |
| Corporation, . . . . .  | 83.0                     | 86.8                           | 85.4               | 85.5                | 85.5                       |

<sup>1</sup> Includes one association, in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                       | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|--|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Slaughtering and meat packing, including sausage, . .</b> | <b>84</b>                | <b>3,577</b>                   | <b>\$2,102,410</b> | <b>\$53,653,143</b> | <b>\$6,490,480</b>         |
| Individual, . . . . .  | 46                       | 163                            | 112,756            | 2,053,467           | 388,387                    |
| Firm, . . . . .  | 15                       | 83                             | 62,666             | 1,408,470           | 164,983                    |
| Corporation, . . . . .                                       | 23                       | 3,331                          | 1,926,988          | 55,191,206          | 5,946,120                  |
| <i>Per cent of total, . . . . .</i>                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 54.8                     | 4.6                            | 5.4                | 3.6                 | 6.0                        |
| Firm, . . . . .  | 17.8                     | 2.3                            | 3.0                | 2.4                 | 2.5                        |
| Corporation, . . . . .                                       | 27.4                     | 93.1                           | 91.6               | 94.1                | 91.5                       |
| <b>Woolen, worsted, and felt goods and wool hats, . .</b>    | <b>121</b>               | <b>50,970</b>                  | <b>24,680,900</b>  | <b>122,673,725</b>  | <b>46,310,236</b>          |
| Individual, . . . . .  | 23                       | 1,880                          | 997,580            | 3,787,772           | 1,706,581                  |
| Firm, . . . . .  | 21                       | 3,541                          | 1,830,860          | 9,180,416           | 3,596,720                  |
| Corporation, . . . . .                                       | 127                      | 45,549                         | 21,822,470         | 110,710,537         | 43,007,905                 |
| <i>Per cent of total, . . . . .</i>                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 12.7                     | 3.7                            | 4.1                | 3.1                 | 3.5                        |
| Firm, . . . . .  | 11.6                     | 6.9                            | 7.4                | 7.4                 | 7.5                        |
| Corporation, . . . . .                                       | 75.7                     | 89.4                           | 88.5               | 89.5                | 89.0                       |

TABLE III. WAGE-EARNERS.  
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913.

| INDUSTRIES AND SEX.                             | Average Number Em-<br>ployed | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
|---|------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
| <b>THE STATE.</b>                               |                              |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 616,227                      | 620,310 | 630,864  | 631,308 | 632,416 | 610,677 | 604,521 | 591,692 | 602,654 | 615,814   | 619,548 | 623,022  | 621,210  |
| Females, . . . . .                              | 422,559                      | 420,811 | 430,563  | 432,014 | 425,974 | 419,223 | 415,698 | 409,467 | 415,806 | 420,078   | 422,322 | 424,023  | 423,628  |
|   | 194,368                      | 199,499 | 200,301  | 199,394 | 196,442 | 191,454 | 188,823 | 182,225 | 186,528 | 193,736   | 197,026 | 198,999  | 197,582  |
| <b>Agricultural Implements.</b>                 |                              |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 459                          | 444     | 468      | 488     | 516     | 490     | 451     | 414     | 384     | 420       | 443     | 464      | 524      |
| Females, . . . . .                              | 459                          | 444     | 468      | 486     | 516     | 490     | 451     | 414     | 384     | 420       | 443     | 464      | 524      |
|   | -                            | -       | -        | -       | -       | -       | -       | -       | -       | -         | -       | -        | -        |
| <b>Artificial Stone.</b>                        |                              |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 230                          | 200     | 185      | 193     | 225     | 254     | 263     | 251     | 264     | 264       | 244     | 231      | 205      |
| Females, . . . . .                              | 230                          | 200     | 185      | 193     | 225     | 254     | 263     | 251     | 264     | 264       | 244     | 231      | 205      |
|   | -                            | -       | -        | -       | -       | -       | -       | -       | -       | -         | -       | -        | -        |
| <b>Automobiles, including Bodies and Parts.</b> |                              |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 4,165                        | 4,197   | 4,319    | 4,308   | 4,580   | 4,501   | 4,409   | 4,173   | 4,003   | 3,849     | 3,908   | 3,855    | 3,753    |
| Females, . . . . .                              | 4,128                        | 4,150   | 4,278    | 4,358   | 4,538   | 4,461   | 4,369   | 4,135   | 3,965   | 3,812     | 3,903   | 3,821    | 3,722    |
|   | 37                           | 38      | 41       | 40      | 42      | 40      | 40      | 38      | 38      | 37        | 35      | 34       | 31       |
| <b>Awnings, Tents, and Sails.</b>               |                              |         |          |         |         |         |         |         |         |           |         |          |          |
| Males, . . . . .                                | 353                          | 274     | 305      | 344     | 432     | 402     | 407     | 449     | 327     | 285       | 278     | 267      | 254      |
| Females, . . . . .                              | 234                          | 188     | 208      | 230     | 280     | 324     | 327     | 298     | 216     | 187       | 181     | 179      | 172      |
|   | 119                          | 86      | 97       | 114     | 152     | 168     | 170     | 151     | 111     | 98        | 97      | 88       | 82       |

|                                      |                    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Baskets, and Batten and Willow Ware. | Males, . . . . .   | 214   | 229   | 224   | 233   | 218   | 216   | 207   | 205   | 200   | 199   | 217   | 221   | 201   | 216   |
|                                      | Females, . . . . . | 205   | 217   | 217   | 217   | 213   | 208   | 200   | 193   | 183   | 187   | 204   | 209   | 209   | 203   |
|                                      |                    | 9     | 7     | 7     | 6     | 5     | 7     | 7     | 12    | 12    | 12    | 13    | 12    | 12    | 13    |
| Betting, and Hose, Leather.          | Males, . . . . .   | 1,215 | 1,230 | 1,237 | 1,238 | 1,235 | 1,216 | 1,235 | 1,210 | 1,202 | 1,199 | 1,199 | 1,202 | 1,202 | 1,204 |
|                                      | Females, . . . . . | 1,172 | 1,186 | 1,193 | 1,185 | 1,181 | 1,173 | 1,153 | 1,167 | 1,159 | 1,156 | 1,156 | 1,163 | 1,163 | 1,161 |
|                                      |                    | 43    | 44    | 44    | 43    | 44    | 43    | 43    | 43    | 43    | 43    | 43    | 43    | 43    | 43    |
| Betting and Hose, Woven.             | Males, . . . . .   | 169   | 180   | 170   | 161   | 158   | 159   | 159   | 175   | 174   | 173   | 173   | 174   | 174   | 174   |
|                                      | Females, . . . . . | 96    | 103   | 96    | 88    | 90    | 89    | 93    | 104   | 103   | 103   | 104   | 103   | 103   | 103   |
|                                      |                    | 71    | 77    | 74    | 73    | 68    | 70    | 66    | 71    | 71    | 71    | 69    | 72    | 72    | 71    |
| Bicycles, Motorcycles, and Parts.    | Males, . . . . .   | 2,785 | 2,454 | 2,023 | 2,455 | 2,408 | 2,324 | 2,128 | 2,275 | 2,435 | 1,789 | 2,078 | 2,504 | 2,504 | 2,110 |
|                                      | Females, . . . . . | 2,763 | 2,450 | 2,023 | 2,451 | 2,402 | 2,343 | 2,123 | 2,271 | 2,433 | 1,786 | 2,078 | 2,504 | 2,504 | 2,110 |
|                                      |                    | 2     | 4     | 4     | 4     | 1     | 1     | 5     | 4     | 2     | -     | -     | -     | -     | -     |
| Billiard Tables, and Materials.      | Males, . . . . .   | 20    | 20    | 20    | 20    | 20    | 20    | 20    | 19    | 22    | 23    | 24    | 24    | 24    | 24    |
|                                      | Females, . . . . . | 20    | 20    | 20    | 20    | 20    | 20    | 20    | 19    | 22    | 23    | 24    | 24    | 24    | 24    |
|                                      |                    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Blacking.                            | Males, . . . . .   | 517   | 498   | 513   | 545   | 568   | 537   | 568   | 535   | 506   | 478   | 464   | 468   | 468   | 444   |
|                                      | Females, . . . . . | 247   | 225   | 224   | 247   | 232   | 245   | 243   | 254   | 247   | 243   | 238   | 240   | 240   | 234   |
|                                      |                    | 270   | 271   | 264   | 296   | 314   | 322   | 306   | 279   | 262   | 256   | 226   | 222   | 222   | 210   |
| Bookbinding and Blank-Book Making.   | Males, . . . . .   | 2,473 | 2,445 | 2,456 | 2,431 | 2,433 | 2,450 | 2,450 | 2,459 | 2,507 | 2,487 | 2,488 | 2,453 | 2,453 | 2,451 |
|                                      | Females, . . . . . | 1,270 | 1,277 | 1,265 | 1,260 | 1,265 | 1,267 | 1,265 | 1,267 | 1,279 | 1,242 | 1,264 | 1,262 | 1,262 | 1,263 |
|                                      |                    | 1,203 | 1,198 | 1,210 | 1,221 | 1,208 | 1,222 | 1,192 | 1,222 | 1,228 | 1,185 | 1,202 | 1,191 | 1,191 | 1,179 |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                          | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|--|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Boot and Shoe Cut Stock and Findings.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 8,510                              | 8,519   | 8,671    | 8,685  | 8,176  | 7,898  | 7,887  | 7,821  | 8,808  | 8,078     | 8,838   | 8,698    | 8,817    |
| Females, . . . . .                           | 5,777                              | 5,902   | 6,026    | 6,015  | 5,684  | 5,438  | 5,498  | 5,434  | 5,743  | 5,622     | 5,736   | 6,020    | 6,155    |
|  | 2,533                              | 2,617   | 2,645    | 2,610  | 2,541  | 2,428  | 2,389  | 2,390  | 2,460  | 2,450     | 2,496   | 2,646    | 2,662    |
| <b>Boots and Shoes.</b>                      |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 81,248                             | 81,455  | 85,307   | 84,838 | 79,968 | 77,114 | 77,089 | 79,317 | 81,868 | 79,943    | 79,039  | 88,185   | 83,578   |
| Females, . . . . .                           | 53,224                             | 54,917  | 55,435   | 55,096 | 52,390 | 50,836 | 51,232 | 51,710 | 53,437 | 52,553    | 52,414  | 53,734   | 54,790   |
|  | 28,004                             | 29,538  | 29,772   | 29,136 | 27,566 | 26,378 | 26,697 | 27,107 | 27,831 | 27,390    | 27,518  | 28,391   | 28,783   |
| <b>Boots and Shoes, Rubber.</b>              |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 7,957                              | 8,265   | 8,509    | 8,555  | 8,450  | 8,332  | 8,163  | 7,453  | 7,100  | 7,598     | 7,598   | 7,873    | 7,853    |
| Females, . . . . .                           | 4,832                              | 4,994   | 5,043    | 5,159  | 5,094  | 4,980  | 4,912  | 4,535  | 4,364  | 4,648     | 4,655   | 4,817    | 4,812    |
|  | 3,125                              | 3,291   | 3,266    | 3,376  | 3,366  | 3,302  | 3,241  | 2,928  | 2,736  | 2,944     | 2,943   | 3,056    | 3,046    |
| <b>Bones, Cigar.</b>                         |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 165                                | 165     | 166      | 169    | 159    | 165    | 161    | 163    | 167    | 168       | 178     | 170      | 171      |
| Females, . . . . .                           | 83                                 | 84      | 84       | 81     | 80     | 81     | 82     | 82     | 82     | 83        | 83      | 83       | 83       |
|  | 82                                 | 81      | 82       | 78     | 79     | 84     | 79     | 81     | 85     | 85        | 89      | 87       | 88       |
| <b>Bones, Fancy and Paper.</b>               |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 4,895                              | 4,899   | 4,854    | 4,808  | 4,890  | 4,835  | 4,163  | 4,175  | 4,207  | 4,898     | 4,110   | 4,458    | 4,354    |
| Females, . . . . .                           | 1,486                              | 1,465   | 1,494    | 1,480  | 1,468  | 1,472  | 1,430  | 1,443  | 1,487  | 1,513     | 1,534   | 1,524    | 1,527    |
|  | 2,807                              | 2,834   | 2,850    | 2,822  | 2,802  | 2,763  | 2,733  | 2,712  | 2,790  | 2,785     | 2,895   | 2,928    | 2,887    |
| <b>Bones, Wooden Packing.</b>                |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             | 3,717                              | 3,879   | 3,848    | 3,809  | 3,788  | 3,697  | 3,676  | 3,688  | 3,655  | 3,758     | 3,805   | 3,768    | 3,708    |
| Females, . . . . .                           | 3,390                              | 3,500   | 3,450    | 3,435  | 3,368  | 3,351  | 3,351  | 3,301  | 3,294  | 3,392     | 3,436   | 3,401    | 3,343    |
|  | 357                                | 379     | 378      | 374    | 384    | 336    | 325    | 321    | 341    | 360       | 369     | 367      | 364      |

|   |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Brass and Bronze Products.</b>       |  | 1,965 | 2,164 | 2,009 | 1,885 | 1,880 | 1,891 | 1,869 | 1,863 | 1,880 | 1,916 | 1,869 | 1,868 | 1,868 |
| Males, . . . . .                        |  | 1,913 | 2,091 | 2,045 | 1,842 | 1,838 | 1,849 | 1,940 | 1,912 | 1,845 | 1,874 | 1,888 | 1,890 | 1,849 |
| Females, . . . . .                      |  | 42    | 43    | 44    | 43    | 42    | 42    | 39    | 46    | 43    | 42    | 41    | 42    | 43    |
| <b>Bread and Other Bakery Products.</b> |  | 6,606 | 6,965 | 6,493 | 6,578 | 6,548 | 6,591 | 6,715 | 6,695 | 6,549 | 6,808 | 6,447 | 6,418 | 6,879 |
| Males, . . . . .                        |  | 5,081 | 4,963 | 5,001 | 5,071 | 5,049 | 5,126 | 5,206 | 5,207 | 5,164 | 5,056 | 5,035 | 5,023 | 4,964 |
| Females, . . . . .                      |  | 1,425 | 1,392 | 1,491 | 1,507 | 1,493 | 1,465 | 1,509 | 1,488 | 1,383 | 1,357 | 1,412 | 1,390 | 1,315 |
| <b>Brick and Tile.</b>                  |  | 868   | 861   | 815   | 853   | 809   | 1,361 | 1,490 | 1,518 | 1,487 | 1,808 | 968   | 468   | 808   |
| Males, . . . . .                        |  | 868   | 861   | 815   | 853   | 809   | 1,361 | 1,490 | 1,518 | 1,487 | 1,808 | 968   | 468   | 808   |
| Females, . . . . .                      |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Brooms.</b>                          |  | 128   | 126   | 180   | 180   | 118   | 114   | 110   | 118   | 119   | 124   | 128   | 127   | 128   |
| Males, . . . . .                        |  | 113   | 116   | 112   | 112   | 110   | 107   | 103   | 100   | 110   | 115   | 119   | 117   | 114   |
| Females, . . . . .                      |  | 9     | 9     | 8     | 8     | 8     | 7     | 8     | 9     | 9     | 9     | 9     | 10    | 9     |
| <b>Brushes.</b>                         |  | 1,696 | 1,614 | 1,647 | 1,624 | 1,610 | 1,667 | 1,680 | 1,683 | 1,463 | 1,608 | 1,668 | 1,686 | 1,671 |
| Males, . . . . .                        |  | 771   | 787   | 802   | 766   | 796   | 772   | 759   | 768   | 717   | 767   | 770   | 788   | 773   |
| Females, . . . . .                      |  | 796   | 827   | 845   | 868   | 814   | 788   | 761   | 765   | 736   | 746   | 762   | 800   | 798   |
| <b>Butter.</b>                          |  | 43    | 38    | 38    | 28    | 48    | 46    | 47    | 46    | 46    | 44    | 44    | 48    | 48    |
| Males, . . . . .                        |  | 43    | 38    | 38    | 28    | 42    | 45    | 46    | 45    | 44    | 44    | 44    | 43    | 43    |
| Females, . . . . .                      |  | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -     | -     | -     |
| <b>Buttons.</b>                         |  | 804   | 810   | 806   | 788   | 748   | 770   | 788   | 839   | 863   | 868   | 885   | 800   | 764   |
| Males, . . . . .                        |  | 368   | 380   | 380   | 359   | 332   | 332   | 352   | 375   | 398   | 397   | 393   | 367   | 373   |
| Females, . . . . .                      |  | 436   | 430   | 425   | 429   | 416   | 438   | 441   | 464   | 465   | 461   | 492   | 433   | 383   |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                        | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Canning and Preserving.</b>             |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 1,532                   | 1,708   | 1,702    | 1,695 | 1,382 | 1,403 | 1,408 | 1,285 | 1,511  | 1,798     | 1,808   | 1,827    | 1,764    |
| Females, . . . . .                         | 1,218                   | 1,303   | 1,307    | 1,207 | 1,021 | 1,012 | 1,066 | 1,111 | 1,187  | 1,282     | 1,346   | 1,379    | 1,332    |
|  | 414                     | 381     | 399      | 398   | 361   | 391   | 426   | 414   | 424    | 454       | 462     | 478      | 432      |
| <b>Card Cutting and Designing.</b>         |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 68                      | 48      | 48       | 49    | 61    | 60    | 63    | 69    | 62     | 79        | 77      | 71       | 63       |
| Females, . . . . .                         | 27                      | 20      | 24       | 25    | 25    | 25    | 26    | 27    | 28     | 36        | 33      | 31       | 32       |
|  | 31                      | 23      | 24       | 24    | 26    | 25    | 27    | 32    | 34     | 43        | 44      | 40       | 31       |
| <b>Carpets and Rugs, Other than Rag.</b>   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 5,728                   | 6,157   | 6,240    | 6,137 | 5,926 | 5,731 | 5,639 | 5,681 | 5,513  | 5,429     | 5,371   | 5,362    | 5,607    |
| Females, . . . . .                         | 3,193                   | 3,457   | 3,455    | 3,403 | 3,314 | 3,182 | 3,130 | 3,141 | 3,079  | 3,024     | 3,030   | 2,998    | 3,129    |
|  | 2,533                   | 2,700   | 2,785    | 2,724 | 2,612 | 2,549 | 2,509 | 2,490 | 2,434  | 2,405     | 2,341   | 2,364    | 2,478    |
| <b>Carpets, Rag.</b>                       |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 87                      | 74      | 78       | 79    | 84    | 93    | 95    | 94    | 95     | 86        | 87      | 80       | 75       |
| Females, . . . . .                         | 74                      | 61      | 66       | 67    | 71    | 78    | 79    | 79    | 81     | 73        | 74      | 67       | 64       |
|  | 13                      | 13      | 12       | 12    | 13    | 15    | 16    | 15    | 14     | 13        | 13      | 13       | 9        |
| <b>Carriages and Sleds, Children's.</b>    |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 864                     | 1,076   | 1,068    | 1,053 | 977   | 897   | 802   | 639   | 606    | 680       | 735     | 843      | 883      |
| Females, . . . . .                         | 743                     | 915     | 919      | 913   | 851   | 759   | 716   | 536   | 541    | 601       | 644     | 722      | 791      |
|  | 111                     | 161     | 149      | 140   | 126   | 108   | 86    | 63    | 65     | 79        | 91      | 121      | 142      |
| <b>Carriages and Wagons and Materials.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                           | 1,148                   | 1,042   | 1,066    | 1,193 | 1,250 | 1,273 | 1,253 | 1,190 | 1,164  | 1,189     | 1,077   | 1,040    | 1,018    |
| Females, . . . . .                         | 1,146                   | 1,040   | 1,094    | 1,191 | 1,253 | 1,270 | 1,250 | 1,188 | 1,162  | 1,127     | 1,076   | 1,039    | 1,017    |
|  | 2                       | 2       | 2        | 2     | 3     | 3     | 3     | 2     | 2      | 2         | 1       | 1        | 1        |

|  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Cars and General Shop Construction and Repairs by Steam-Railroad Companies.</b> |       | 6,171 | 6,354 | 6,489 | 6,503 | 6,515 | 6,101 | 6,008 | 5,987 | 6,060 | 6,146 | 6,199 | 6,308 | 6,308 | 6,303 |
| Males, . . . . .   | 6,151 | 6,335 | 6,370 | 6,380 | 6,384 | 6,195 | 6,032 | 5,933 | 5,967 | 6,030 | 6,126 | 6,179 | 6,272 | 6,272 | 6,273 |
| Females, . . . . .   | 20    | 19    | 19    | 19    | 19    | 20    | 19    | 20    | 20    | 20    | 20    | 20    | 20    | 20    | 20    |
| <b>Chemicals.</b>  |       | 1,593 | 1,564 | 1,575 | 1,567 | 1,545 | 1,483 | 1,409 | 1,369 | 1,405 | 1,459 | 1,408 | 1,450 | 1,450 | 1,381 |
| Males, . . . . .   | 1,596 | 1,570 | 1,589 | 1,583 | 1,564 | 1,354 | 1,327 | 1,310 | 1,279 | 1,303 | 1,335 | 1,299 | 1,317 | 1,317 | 1,276 |
| Females, . . . . .   | 97    | 85    | 84    | 84    | 81    | 91    | 96    | 99    | 90    | 102   | 104   | 109   | 113   | 113   | 105   |
| <b>Cleaning and Polishing Preparations.</b>  |       | 60    | 60    | 61    | 63    | 64    | 63    | 60    | 60    | 67    | 69    | 66    | 65    | 65    | 58    |
| Males, . . . . .   | 44    | 46    | 44    | 46    | 47    | 47    | 48    | 45    | 43    | 48    | 43    | 42    | 42    | 42    | 40    |
| Females, . . . . .   | 16    | 14    | 17    | 17    | 17    | 17    | 20    | 15    | 17    | 14    | 16    | 14    | 13    | 13    | 12    |
| <b>Clocks.</b>   |       | 295   | 290   | 295   | 297   | 311   | 333   | 330   | 333   | 307   | 313   | 302   | 276   | 276   | 260   |
| Males, . . . . .   | 269   | 258   | 280   | 241   | 271   | 271   | 280   | 279   | 237   | 265   | 271   | 253   | 246   | 246   | 227   |
| Females, . . . . .   | 36    | 32    | 25    | 26    | 40    | 40    | 43    | 41    | 46    | 42    | 41    | 34    | 30    | 30    | 22    |
| <b>Cloth, Sponging and Refinishing.</b>  |       | 53    | 54    | 49    | 45    | 43    | 53    | 53    | 53    | 55    | 53    | 53    | 54    | 54    | 53    |
| Males, . . . . .   | 53    | 54    | 48    | 45    | 48    | 48    | 53    | 53    | 52    | 55    | 53    | 53    | 54    | 54    | 53    |
| Females, . . . . .   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Clothing, Men's.</b>  |       | 6,313 | 6,003 | 5,968 | 4,092 | 4,600 | 6,339 | 6,246 | 6,139 | 6,380 | 6,460 | 6,306 | 6,273 | 6,273 | 6,313 |
| Males, . . . . .   | 2,634 | 2,829 | 1,539 | 1,553 | 1,849 | 2,914 | 2,914 | 2,937 | 2,950 | 2,951 | 3,020 | 3,080 | 3,037 | 3,037 | 2,950 |
| Females, . . . . .   | 3,179 | 3,174 | 2,457 | 2,539 | 2,751 | 3,425 | 3,425 | 3,409 | 3,282 | 3,279 | 3,440 | 3,326 | 3,236 | 3,236 | 3,363 |
| <b>Clothing, Women's.</b>  |       | 6,063 | 5,768 | 6,123 | 6,173 | 6,578 | 6,573 | 6,170 | 6,549 | 6,309 | 6,184 | 6,317 | 6,316 | 6,316 | 5,763 |
| Males, . . . . .   | 1,425 | 1,333 | 1,409 | 1,443 | 1,551 | 1,536 | 1,432 | 1,432 | 1,283 | 1,334 | 1,496 | 1,527 | 1,491 | 1,491 | 1,294 |
| Females, . . . . .   | 4,637 | 4,435 | 4,713 | 4,735 | 5,027 | 5,036 | 4,738 | 4,738 | 4,066 | 3,875 | 4,688 | 4,790 | 4,824 | 4,824 | 4,467 |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                                   | Average<br>Number<br>Em-<br>ployed | January | Febru-<br>ary | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|---|------------------------------------|---------|---------------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Coffee and Spice, Roasting and Grinding.</b>       |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                      | 389                                | 379     | 379           | 377   | 371   | 375   | 377   | 387   | 411    | 405            | 406     | 408           | 401           |
| Females, . . . . .                                    | 236                                | 231     | 233           | 234   | 233   | 232   | 233   | 238   | 241    | 241            | 244     | 241           | 241           |
|   | 153                                | 148     | 146           | 143   | 138   | 143   | 144   | 149   | 170    | 164            | 162     | 165           | 160           |
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                      | 355                                | 354     | 354           | 371   | 365   | 355   | 357   | 350   | 350    | 353            | 347     | 347           | 347           |
| Females, . . . . .                                    | 312                                | 308     | 317           | 322   | 320   | 311   | 312   | 309   | 307    | 309            | 304     | 304           | 306           |
|   | 43                                 | 46      | 47            | 49    | 45    | 44    | 45    | 41    | 43     | 44             | 43      | 43            | 41            |
| <b>Combs and Hairpins.</b>                            |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                      | 2,051                              | 2,050   | 2,110         | 2,058 | 1,908 | 1,776 | 1,807 | 1,778 | 1,980  | 2,107          | 2,532   | 2,416         | 2,179         |
| Females, . . . . .                                    | 1,491                              | 1,672   | 1,537         | 1,485 | 1,345 | 1,265 | 1,288 | 1,392 | 1,396  | 1,543          | 1,709   | 1,772         | 1,604         |
|   | 560                                | 578     | 573           | 573   | 561   | 511   | 519   | 486   | 524    | 564            | 623     | 644           | 568           |
| <b>Confectionery.</b>                                 |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                      | 7,935                              | 6,581   | 6,944         | 6,544 | 6,889 | 6,506 | 6,888 | 6,808 | 7,548  | 7,906          | 8,418   | 8,917         | 8,098         |
| Females, . . . . .                                    | 1,893                              | 1,808   | 1,816         | 1,804 | 1,991 | 1,766 | 1,763 | 1,704 | 1,870  | 1,990          | 2,117   | 2,138         | 2,044         |
|   | 5,943                              | 4,713   | 4,828         | 4,740 | 4,998 | 4,840 | 5,126 | 4,802 | 5,678  | 6,006          | 6,301   | 6,479         | 6,048         |
| <b>Cooperage.</b>                                     |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                      | 809                                | 829     | 822           | 818   | 816   | 805   | 801   | 789   | 786    | 793            | 809     | 801           | 812           |
| Females, . . . . .                                    | 796                                | 817     | 810           | 806   | 804   | 793   | 788   | 776   | 773    | 780            | 796     | 788           | 799           |
|   | 13                                 | 12      | 12            | 12    | 12    | 12    | 13    | 13    | 13     | 13             | 13      | 13            | 13            |

[illegible]

TABLE III. WAGE-EARNERS — Continued  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                                      | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|--|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Dairymen's, Poulterers', and Apiarists' Supplies.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 22                                 | 23      | 23       | 23     | 23     | 23     | 22     | 21     | 22     | 22        | 22      | 21       | 20       |
| Females, . . . . .                                       | 4                                  | 4       | 4        | 5      | 5      | 5      | 5      | 5      | 5      | 5         | 3       | 2        | 2        |
| <b>Dentists' Materials.</b>                              |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 67                                 | 64      | 65       | 68     | 67     | 67     | 69     | 67     | 63     | 64        | 66      | 65       | 65       |
| Females, . . . . .                                       | 27                                 | 25      | 25       | 27     | 26     | 27     | 28     | 27     | 25     | 25        | 25      | 24       | 25       |
| <b>Dyeing and Finishing Textiles.</b>                    |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 11,688                             | 11,802  | 11,826   | 11,428 | 11,903 | 11,778 | 11,777 | 11,327 | 11,462 | 11,561    | 12,032  | 12,270   | 12,274   |
| Females, . . . . .                                       | 9,486                              | 8,979   | 9,038    | 9,220  | 9,526  | 9,447  | 9,506  | 9,182  | 9,383  | 9,451     | 9,800   | 10,002   | 10,066   |
| <b>Dyestuffs and Extracts.</b>                           |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 110                                | 118     | 114      | 118    | 112    | 111    | 108    | 107    | 108    | 106       | 107     | 103      | 101      |
| Females, . . . . .                                       | 4                                  | 7       | 8        | 7      | 5      | 4      | 1      | 1      | 2      | 2         | 2       | 2        | 2        |
| <b>Electrical Machinery, Apparatus, and Supplies.</b>    |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .   | 22,437                             | 22,210  | 22,461   | 22,785 | 23,213 | 23,473 | 23,386 | 23,167 | 22,740 | 22,451    | 21,857  | 21,288   | 20,324   |
| Females, . . . . .                                       | 18,168                             | 18,126  | 18,286   | 18,327 | 18,816 | 19,011 | 18,921 | 18,856 | 18,406 | 18,151    | 17,621  | 17,125   | 16,300   |
|  | 4,269                              | 4,084   | 4,175    | 4,258  | 4,397  | 4,462  | 4,463  | 4,311  | 4,334  | 4,330     | 4,236   | 4,161    | 4,024    |

|   |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Electroplating.</b>                          |  | 253   | 240   | 257   | 260   | 249   | 258   | 253   | 248   | 245   | 255   | 272   | 270   | 253   |
| Males, . . . . .                                |  | 222   | 222   | 219   | 241   | 231   | 240   | 233   | 231   | 226   | 225   | 247   | 247   | 232   |
| Females, . . . . .                              |  | 20    | 18    | 18    | 19    | 18    | 18    | 19    | 17    | 19    | 20    | 26    | 23    | 31    |
| <b>Emery and Other Abrasive Wheels.</b>         |  | 1,135 | 1,130 | 1,159 | 1,184 | 1,186 | 1,178 | 1,161 | 1,118 | 1,139 | 1,098 | 1,084 | 1,054 | 1,080 |
| Males, . . . . .                                |  | 1,098 | 1,108 | 1,127 | 1,156 | 1,159 | 1,142 | 1,129 | 1,076 | 1,099 | 1,057 | 1,046 | 994   | 961   |
| Females, . . . . .                              |  | 35    | 31    | 32    | 28    | 27    | 31    | 32    | 36    | 40    | 39    | 38    | 40    | 39    |
| <b>Enameling and Japanning.</b>                 |  | 135   | 137   | 138   | 133   | 140   | 122   | 123   | 136   | 132   | 134   | 131   | 134   | 132   |
| Males, . . . . .                                |  | 88    | 88    | 93    | 95    | 97    | 79    | 79    | 87    | 89    | 87    | 85    | 85    | 81    |
| Females, . . . . .                              |  | 45    | 49    | 45    | 43    | 43    | 43    | 44    | 49    | 43    | 47    | 46    | 49    | 51    |
| <b>Engraving and Dieinking.</b>                 |  | 177   | 180   | 177   | 175   | 181   | 173   | 171   | 170   | 166   | 174   | 132   | 180   | 132   |
| Males, . . . . .                                |  | 138   | 144   | 144   | 141   | 142   | 136   | 133   | 130   | 127   | 135   | 134   | 136   | 139   |
| Females, . . . . .                              |  | 39    | 36    | 33    | 34    | 39    | 37    | 38    | 40    | 39    | 39    | 48    | 44    | 43    |
| <b>Envelopes.</b>                               |  | 2,089 | 2,073 | 2,061 | 2,005 | 2,078 | 2,076 | 2,073 | 2,008 | 1,984 | 2,073 | 2,008 | 2,118 | 2,116 |
| Males, . . . . .                                |  | 730   | 708   | 716   | 730   | 734   | 731   | 749   | 730   | 742   | 730   | 732   | 740   | 744   |
| Females, . . . . .                              |  | 1,359 | 1,365 | 1,345 | 1,265 | 1,344 | 1,345 | 1,324 | 1,279 | 1,242 | 1,343 | 1,264 | 1,378 | 1,372 |
| <b>Fancy Articles, not elsewhere Specified.</b> |  | 508   | 494   | 441   | 457   | 455   | 459   | 508   | 476   | 470   | 577   | 599   | 604   | 511   |
| Males, . . . . .                                |  | 281   | 262   | 278   | 291   | 283   | 267   | 270   | 265   | 255   | 291   | 301   | 282   | 298   |
| Females, . . . . .                              |  | 221   | 142   | 163   | 196   | 202   | 222   | 236   | 211   | 215   | 286   | 298   | 262   | 213   |
| <b>Felt Goods.</b>                              |  | 810   | 792   | 735   | 793   | 768   | 765   | 765   | 768   | 790   | 835   | 824   | 899   | 935   |
| Males, . . . . .                                |  | 679   | 666   | 651   | 660   | 642   | 634   | 644   | 639   | 639   | 684   | 735   | 733   | 777   |
| Females, . . . . .                              |  | 131   | 126   | 134   | 126   | 116   | 119   | 121   | 129   | 121   | 141   | 148   | 146   | 148   |

TABLE III. WAGE-EARNERS — Continued.  
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                       | Average Number Employed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|---|-------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Firearms.</b>                          |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 2,509                   | 2,632   | 2,702    | 2,717  | 2,767  | 2,686  | 2,717  | 2,712  | 2,647  | 2,374     | 2,380   | 2,402    | 2,401    |
| Females, . . . . .                        | 2,556                   | 2,642   | 2,660    | 2,678  | 2,726  | 2,643  | 2,677  | 2,670  | 2,603  | 2,323     | 2,332   | 2,360    | 2,358    |
|   | 43                      | 40      | 42       | 39     | 41     | 43     | 40     | 42     | 44     | 51        | 48      | 42       | 43       |
| <b>Flavoring Extracts.</b>                |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 102                     | 94      | 91       | 93     | 104    | 105    | 108    | 109    | 107    | 98        | 101     | 104      | 103      |
| Females, . . . . .                        | 43                      | 43      | 42       | 42     | 43     | 43     | 43     | 43     | 42     | 41        | 42      | 43       | 44       |
|   | 59                      | 51      | 49       | 51     | 61     | 62     | 65     | 66     | 65     | 57        | 59      | 61       | 59       |
| <b>Flour-Mill and Gristmill Products.</b> |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 142                     | 142     | 144      | 144    | 142    | 141    | 145    | 143    | 141    | 140       | 142     | 143      | 142      |
| Females, . . . . .                        | 138                     | 138     | 140      | 140    | 138    | 137    | 139    | 139    | 137    | 136       | 138     | 139      | 138      |
|   | 4                       | 4       | 4        | 4      | 4      | 4      | 4      | 4      | 4      | 4         | 4       | 4        | 4        |
| <b>Food Preparations.</b>                 |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 319                     | 437     | 468      | 369    | 316    | 248    | 286    | 244    | 252    | 280       | 279     | 341      | 338      |
| Females, . . . . .                        | 232                     | 329     | 348      | 251    | 233    | 180    | 174    | 171    | 176    | 188       | 207     | 242      | 275      |
|   | 87                      | 108     | 120      | 108    | 83     | 62     | 61     | 73     | 76     | 72        | 72      | 99       | 113      |
| <b>Foundry and Machine-Shop Products.</b> |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 37,717                  | 39,853  | 39,762   | 39,702 | 38,945 | 37,741 | 36,389 | 36,028 | 36,270 | 36,703    | 37,108  | 36,923   | 36,656   |
| Females, . . . . .                        | 37,099                  | 39,196  | 39,073   | 39,079 | 38,283 | 37,102 | 35,737 | 35,424 | 35,987 | 36,140    | 36,524  | 36,335   | 36,091   |
|   | 618                     | 657     | 689      | 683    | 662    | 639    | 602    | 604    | 583    | 563       | 584     | 588      | 566      |
| <b>Fur Goods.</b>                         |                         |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                          | 181                     | 177     | 149      | 160    | 145    | 176    | 190    | 173    | 195    | 206       | 212     | 218      | 207      |
| Females, . . . . .                        | 94                      | 89      | 79       | 77     | 73     | 93     | 101    | 91     | 104    | 108       | 111     | 113      | 107      |
|   | 87                      | 88      | 70       | 73     | 72     | 83     | 89     | 82     | 91     | 97        | 101     | 105      | 100      |

|  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Furnishing Goods, Men's.</b>                  |  | 404   | 386   | 578   | 410   | 401   | 408   | 308   | 368   | 368   | 416   | 441   | 478   | 470   |
| Males, . . . . .                                 |  | 66    | 60    | 57    | 64    | 65    | 70    | 72    | 70    | 70    | 68    | 68    | 71    | 70    |
| Females, . . . . .                               |  | 238   | 266   | 318   | 346   | 336   | 336   | 336   | 292   | 319   | 347   | 373   | 402   | 400   |
| <b>Furniture.</b>                                |  | 8,558 | 7,873 | 8,178 | 8,578 | 8,145 | 7,968 | 8,340 | 7,819 | 7,808 | 8,476 | 8,538 | 8,489 | 8,814 |
| Males, . . . . .                                 |  | 7,339 | 7,174 | 7,459 | 7,999 | 7,439 | 7,390 | 7,685 | 7,185 | 7,387 | 7,801 | 7,601 | 7,671 | 8,074 |
| Females, . . . . .                               |  | 713   | 699   | 719   | 743   | 716   | 728   | 715   | 664   | 651   | 674   | 781   | 765   | 740   |
| <b>Galvanizing.</b>                              |  | 14    | 11    | 18    | 14    | 15    | 14    | 14    | 13    | 13    | 13    | 14    | 15    | 13    |
| Males, . . . . .                                 |  | 14    | 11    | 13    | 14    | 13    | 14    | 14    | 13    | 13    | 13    | 14    | 15    | 13    |
| Females, . . . . .                               |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Gas and Electric Fixtures.</b>                |  | 155   | 138   | 159   | 188   | 186   | 184   | 183   | 185   | 187   | 187   | 143   | 147   | 160   |
| Males, . . . . .                                 |  | 120   | 135   | 136   | 119   | 123   | 123   | 131   | 124   | 126   | 135   | 140   | 143   | 147   |
| Females, . . . . .                               |  | 3     | 3     | 3     | 3     | - 3   | 2     | 2     | 1     | 1     | 2     | 3     | 4     | 3     |
| <b>Glass Cutting, Staining, and Ornamenting.</b> |  | 268   | 265   | 265   | 267   | 267   | 205   | 194   | 197   | 215   | 234   | 240   | 244   | 265   |
| Males, . . . . .                                 |  | 219   | 226   | 216   | 223   | 223   | 197   | 187   | 189   | 206   | 225   | 231   | 235   | 226   |
| Females, . . . . .                               |  | 9     | 9     | 9     | 9     | 9     | 8     | 7     | 8     | 9     | 9     | 9     | 9     | 9     |
| <b>Glue.</b>                                     |  | 548   | 600   | 608   | 604   | 590   | 589   | 516   | 456   | 431   | 481   | 534   | 558   | 575   |
| Males, . . . . .                                 |  | 423   | 464   | 463   | 456   | 446   | 432   | 397   | 374   | 362   | 393   | 423   | 431   | 444   |
| Females, . . . . .                               |  | 119   | 126   | 140   | 138   | 144   | 137   | 119   | 82    | 69    | 88    | 111   | 125   | 131   |
| <b>Gold and Silver, Leaf and Foil.</b>           |  | 122   | 108   | 111   | 111   | 123   | 126   | 121   | 117   | 114   | 129   | 129   | 151   | 131   |
| Males, . . . . .                                 |  | 63    | 53    | 55    | 55    | 65    | 66    | 63    | 63    | 56    | 65    | 67    | 68    | 67    |
| Females, . . . . .                               |  | 59    | 55    | 56    | 56    | 63    | 62    | 58    | 54    | 56    | 57    | 62    | 63    | 64    |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.  | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Gold and Silver, Reducing and Refining,<br/>not from the Ore.</b> |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 107                                | 109     | 108      | 108   | 108   | 108   | 108   | 107   | 108    | 107       | 107     | 107      | 106      |
| Females, . . . . .   | 20                                 | 20      | 20       | 19    | 19    | 22    | 20    | 19    | 20     | 20        | 19      | 18       | 18       |
| <b>Grease and Tallow.</b>  |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 687                                | 681     | 674      | 684   | 688   | 688   | 686   | 688   | 686    | 686       | 688     | 680      | 680      |
| Females, . . . . .   | 16                                 | 16      | 11       | 12    | 13    | 16    | 21    | 19    | 17     | 21        | 18      | 15       | 14       |
| <b>Hand-Knit Goods.</b>  |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 8                                  | 13      | 10       | 9     | 8     | 6     | 4     | 4     | 5      | 7         | 8       | 11       | 10       |
| Females, . . . . .   | 4                                  | 4       | 4        | 3     | 3     | 3     | 3     | 3     | 4      | 4         | 4       | 5        | 4        |
| <b>Hand Stamps and Stencils and Brands.</b>                          |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 113                                | 116     | 119      | 110   | 108   | 108   | 110   | 115   | 119    | 110       | 115     | 121      | 119      |
| Females, . . . . .   | 23                                 | 20      | 19       | 22    | 21    | 20    | 21    | 24    | 22     | 22        | 21      | 25       | 24       |
| <b>Hardware.</b>   |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 1,679                              | 1,725   | 1,771    | 1,768 | 1,745 | 1,708 | 1,688 | 1,680 | 1,698  | 1,684     | 1,688   | 1,671    | 1,651    |
| Females, . . . . .   | 148                                | 1,615   | 1,645    | 1,680 | 1,616 | 1,570 | 1,535 | 1,496 | 1,467  | 1,456     | 1,532   | 1,541    | 1,538    |
|  | 126                                | 110     | 126      | 122   | 129   | 133   | 133   | 134   | 125    | 128       | 131     | 130      | 118      |

| Hats and Caps, Other than Felt, Straw, and Wool. |  | 286    | 288    | 285    | 294    | 308   | 298    | 294    | 293    | 313    | 322    | 299    | 276    |
|--|--|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| Males, . . . . .                                 |  | 104    | 187    | 189    | 192    | 192   | 190    | 191    | 194    | 203    | 210    | 194    | 183    |
| Females, . . . . .                               |  | 101    | 101    | 104    | 102    | 114   | 108    | 103    | 99     | 110    | 112    | 105    | 93     |
| Hats, Felt.                                      |  | 1,389  | 1,418  | 1,371  | 1,310  | 1,340 | 1,357  | 1,380  | 1,407  | 1,513  | 1,438  | 1,415  | 1,134  |
| Males, . . . . .                                 |  | 823    | 789    | 799    | 766    | 823   | 842    | 879    | 949    | 962    | 930    | 707    | 649    |
| Females, . . . . .                               |  | 546    | 629    | 572    | 544    | 518   | 515    | 501    | 538    | 551    | 508    | 508    | 485    |
| Hats, Straw.                                     |  | 2,711  | 4,483  | 4,380  | 3,838  | 2,873 | 1,777  | 1,143  | 1,694  | 1,551  | 1,339  | 2,454  | 2,980  |
| Males, . . . . .                                 |  | 1,040  | 1,453  | 1,453  | 1,299  | 888   | 709    | 665    | 900    | 943    | 860    | 891    | 1,023  |
| Females, . . . . .                               |  | 1,671  | 2,970  | 2,927  | 2,539  | 1,335 | 768    | 483    | 794    | 908    | 979    | 1,363  | 1,927  |
| Hosiery and Knit Goods.                          |  | 10,780 | 10,717 | 10,883 | 10,825 | 9,960 | 10,391 | 10,855 | 10,786 | 10,800 | 11,188 | 11,168 | 10,884 |
| Males, . . . . .                                 |  | 2,932  | 2,995  | 3,036  | 3,006  | 2,549 | 2,772  | 2,771  | 2,965  | 3,000  | 3,071  | 3,061  | 2,969  |
| Females, . . . . .                               |  | 7,807  | 7,722  | 7,847  | 7,819  | 7,401 | 7,619  | 7,484  | 7,810  | 7,990  | 8,116  | 8,107  | 7,915  |
| House-Furnishing Goods, not Elsewhere Specified. |  | 811    | 809    | 879    | 859    | 897   | 824    | 783    | 757    | 738    | 764    | 763    | 734    |
| Males, . . . . .                                 |  | 583    | 590    | 662    | 637    | 659   | 587    | 572    | 537    | 506    | 509    | 524    | 523    |
| Females, . . . . .                               |  | 228    | 219    | 217    | 222    | 238   | 237    | 221    | 220    | 232    | 245    | 238    | 211    |
| Instruments, Professional and Scientific.        |  | 597    | 604    | 615    | 628    | 693   | 664    | 663    | 664    | 658    | 651    | 668    | 563    |
| Males, . . . . .                                 |  | 528    | 541    | 544    | 554    | 551   | 590    | 508    | 493    | 491    | 492    | 487    | 525    |
| Females, . . . . .                               |  | 69     | 63     | 69     | 74     | 75    | 74     | 54     | 71     | 67     | 59     | 79     | 68     |
| Iron and Steel, Steel Works and Rolling Mills.   |  | 3,194  | 3,505  | 3,320  | 3,314  | 3,307 | 3,249  | 3,191  | 3,186  | 3,164  | 3,103  | 3,005  | 2,700  |
| Males, . . . . .                                 |  | 3,056  | 3,354  | 3,178  | 3,176  | 3,157 | 3,095  | 3,035  | 2,991  | 3,018  | 2,971  | 2,797  | 2,612  |
| Females, . . . . .                               |  | 138    | 151    | 142    | 138    | 150   | 154    | 156    | 145    | 146    | 132    | 108    | 88     |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.  | Average<br>Number<br>Em-<br>ployed | January | Febru-<br>ary | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|------------------------------------|---------|---------------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.</b>                       |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 1,402                              | 1,412   | 1,428         | 1,426 | 1,389 | 1,401 | 1,379 | 1,389 | 1,369  | 1,369          | 1,405   | 1,304         | 1,385         |
| Females, . . . . .   | 978                                | 966     | 995           | 943   | 943   | 906   | 955   | 965   | 984    | 994            | 993     | 985           | 983           |
|  | 424                                | 446     | 433           | 446   | 446   | 435   | 424   | 424   | 415    | 405            | 412     | 409           | 402           |
| <b>Iron and Steel Forgings.</b>  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 657                                | 685     | 673           | 686   | 686   | 691   | 681   | 676   | 684    | 638            | 608     | 608           | 602           |
| Females, . . . . .   | 657                                | 665     | 673           | 684   | 686   | 691   | 681   | 676   | 664    | 638            | 608     | 608           | 602           |
|  | -                                  | -       | -             | -     | -     | -     | -     | -     | -      | -              | -       | -             | -             |
| <b>Iron and Steel Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.</b> |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 1,237                              | 1,210   | 1,222         | 1,237 | 1,251 | 1,207 | 1,202 | 1,011 | 1,267  | 1,274          | 1,291   | 1,206         | 1,338         |
| Females, . . . . .   | 960                                | 920     | 928           | 941   | 974   | 930   | 933   | 794   | 986    | 987            | 989     | 1,003         | 1,015         |
|  | 287                                | 290     | 294           | 296   | 277   | 277   | 269   | 247   | 281    | 287            | 302     | 298           | 323           |
| <b>Ivory, Shell, and Bone Work, not including Combs and Hairpins.</b>  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 74                                 | 91      | 86            | 72    | 72    | 68    | 59    | 72    | 69     | 72             | 50      | 79            | 64            |
| Females, . . . . .   | 61                                 | 74      | 69            | 58    | 57    | 57    | 50    | 59    | 60     | 62             | 72      | 63            | 44            |
|  | 13                                 | 17      | 17            | 13    | 14    | 11    | 9     | 13    | 9      | 10             | 18      | 16            | 10            |

|  | 7,575 | 7,965 | 7,719 | 7,484 | 7,079 | 7,450 | 7,457 | 7,177 | 7,545 | 7,534 | 7,867 | 7,681 | 7,877 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Jewelry.</b>                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 5,062 | 5,330 | 5,130 | 4,953 | 4,705 | 4,900 | 4,939 | 4,758 | 4,855 | 5,232 | 5,320 | 5,168 | 5,146 |
| Females, . . . . .                             | 2,521 | 2,635 | 2,589 | 2,531 | 2,374 | 2,470 | 2,523 | 2,419 | 2,490 | 2,602 | 2,637 | 2,513 | 2,531 |
| <b>Jewelry and Instrument Cases.</b>           |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 90    | 86    | 89    | 89    | 90    | 91    | 92    | 87    | 84    | 88    | 90    | 89    | 92    |
| Females, . . . . .                             | 172   | 174   | 175   | 172   | 180   | 178   | 172   | 166   | 170   | 191   | 177   | 162   | 155   |
| <b>Kaolin and Ground Earthen.</b>              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 76    | 71    | 75    | 75    | 74    | 78    | 79    | 76    | 72    | 71    | 80    | 82    | 80    |
| Females, . . . . .                             | 76    | 71    | 75    | 75    | 74    | 78    | 79    | 76    | 72    | 71    | 80    | 82    | 80    |
| <b>Labels and Tags.</b>                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 21    | 20    | 21    | 20    | 20    | 19    | 20    | 21    | 20    | 22    | 22    | 23    | 22    |
| Females, . . . . .                             | 17    | 16    | 16    | 16    | 16    | 15    | 16    | 17    | 16    | 18    | 18    | 19    | 18    |
| <b>Lamps and Reflectors.</b>                   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 488   | 460   | 464   | 470   | 463   | 456   | 508   | 539   | 418   | 408   | 486   | 401   | 405   |
| Females, . . . . .                             | 396   | 431   | 434   | 439   | 432   | 435   | 357   | 360   | 332   | 373   | 391   | 368   | 365   |
| <b>Lasia.</b>                                  |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 32    | 29    | 30    | 31    | 31    | 31    | 29    | 29    | 30    | 33    | 34    | 33    | 38    |
| Females, . . . . .                             | 987   | 984   | 963   | 980   | 982   | 952   | 898   | 881   | 963   | 865   | 901   | 866   | 1,002 |
| <b>Leather Goods, not Elsewhere Specified.</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 934   | 962   | 965   | 918   | 920   | 851   | 893   | 923   | 942   | 890   | 900   | 905   | 1,002 |
| Females, . . . . .                             | 3     | 2     | 3     | 2     | 2     | 1     | 3     | 8     | 11    | 3     | 1     | 1     | -     |
| <b>Leather Goods, not Elsewhere Specified.</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                               | 808   | 653   | 640   | 659   | 656   | 612   | 694   | 675   | 622   | 653   | 682   | 679   | 659   |
| Females, . . . . .                             | 296   | 266   | 261   | 283   | 273   | 296   | 288   | 279   | 295   | 300   | 305   | 308   | 314   |
| Females, . . . . .                             | 317   | 267   | 279   | 296   | 312   | 316   | 306   | 296   | 327   | 353   | 357   | 371   | 345   |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                            |        | January | February | March  | April  | May   | June  | July  | August | September | October | November | December |
|--|--------|---------|----------|--------|--------|-------|-------|-------|--------|-----------|---------|----------|----------|
| Average Number Employed                        |        |         |          |        |        |       |       |       |        |           |         |          |          |
| <b>Leather, Tanned, Curried, and Finished.</b> |        |         |          |        |        |       |       |       |        |           |         |          |          |
| Males, . . . . .                               | 10,331 | 11,380  | 11,105   | 10,814 | 10,167 | 9,737 | 9,772 | 9,183 | 9,724  | 9,938     | 10,348  | 10,685   | 10,940   |
| Females, . . . . .                             | 10,164 | 11,100  | 10,930   | 10,638 | 9,991  | 9,588 | 9,453 | 9,373 | 9,573  | 9,780     | 10,201  | 10,533   | 10,778   |
|  | 157    | 180     | 176      | 176    | 176    | 149   | 119   | 120   | 151    | 148       | 147     | 160      | 162      |
| <b>Lime.</b>                                   |        |         |          |        |        |       |       |       |        |           |         |          |          |
| Males, . . . . .                               | 445    | 537     | 579      | 430    | 454    | 463   | 479   | 488   | 492    | 485       | 452     | 420      | 411      |
| Females, . . . . .                             | 445    | 387     | 379      | 420    | 454    | 463   | 479   | 488   | 492    | 485       | 452     | 420      | 411      |
|  | -      | -       | -        | -      | -      | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Linen Goods.</b>                            |        |         |          |        |        |       |       |       |        |           |         |          |          |
| Males, . . . . .                               | 1,760  | 1,888   | 1,873    | 1,895  | 1,892  | 1,809 | 1,700 | 1,627 | 1,696  | 1,677     | 1,659   | 1,673    | 1,585    |
| Females, . . . . .                             | 750    | 796     | 793      | 801    | 797    | 731   | 725   | 726   | 729    | 735       | 725     | 725      | 706      |
|  | 1,000  | 1,086   | 1,080    | 1,094  | 1,095  | 1,078 | 1,035 | 901   | 937    | 942       | 934     | 948      | 879      |
| <b>Liquors, Distilled.</b>                     |        |         |          |        |        |       |       |       |        |           |         |          |          |
| Males, . . . . .                               | 72     | 69      | 69       | 72     | 69     | 67    | 67    | 67    | 73     | 74        | 72      | 78       | 79       |
| Females, . . . . .                             | 72     | 69      | 69       | 72     | 69     | 67    | 67    | 67    | 73     | 74        | 72      | 78       | 79       |
|  | -      | -       | -        | -      | -      | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Liquors, Malt.</b>                          |        |         |          |        |        |       |       |       |        |           |         |          |          |
| Males, . . . . .                               | 1,838  | 1,813   | 1,808    | 1,938  | 1,949  | 2,005 | 2,010 | 2,082 | 2,053  | 2,011     | 1,985   | 1,968    | 1,948    |
| Females, . . . . .                             | 1,974  | 1,905   | 1,834    | 1,920  | 1,941  | 1,997 | 2,032 | 2,072 | 2,045  | 2,003     | 1,977   | 1,958    | 1,941    |
|  | 8      | 8       | 8        | 8      | 8      | 8     | 8     | 10    | 8      | 8         | 8       | 8        | 7        |

|  |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Looking-Glass and Picture Frames.</b> |       | 805   | 811   | 810   | 189   | 188   | 187   | 184   | 198   | 212   | 227   | 225   |
| Males, . . . . .                         | 190   | 196   | 185   | 184   | 181   | 173   | 174   | 173   | 186   | 203   | 211   | 219   |
| Females, . . . . .                       | 15    | 15    | 15    | 15    | 15    | 16    | 13    | 14    | 12    | 15    | 16    | 16    |
| <b>Lumber and Timber Products.</b>       |       | 608   | 678   | 615   | 659   | 608   | 618   | 444   | 544   | 612   | 657   | 618   |
| Males, . . . . .                         | 600   | 700   | 609   | 607   | 650   | 652   | 609   | 437   | 536   | 611   | 680   | 608   |
| Females, . . . . .                       | 8     | 8     | 9     | 8     | 9     | 10    | 9     | 7     | 8     | 7     | 7     | 10    |
| <b>Lumber, Planing-Mill Products.</b>    |       | 5,251 | 5,115 | 5,120 | 5,238 | 5,291 | 5,318 | 5,345 | 5,363 | 5,241 | 5,157 | 5,023 |
| Males, . . . . .                         | 3,226 | 3,123 | 3,115 | 3,233 | 3,285 | 3,285 | 3,313 | 3,340 | 3,363 | 3,236 | 3,162 | 3,047 |
| Females, . . . . .                       | 5     | 5     | 5     | 5     | 6     | 6     | 5     | 5     | 5     | 5     | 5     | 5     |
| <b>Marble and Stone Work.</b>            |       | 5,455 | 5,608 | 5,745 | 5,934 | 5,658 | 5,895 | 4,031 | 5,784 | 5,659 | 5,619 | 5,554 |
| Males, . . . . .                         | 3,435 | 2,608 | 2,453 | 2,743 | 3,294 | 3,668 | 3,865 | 4,031 | 3,784 | 3,682 | 3,642 | 3,354 |
| Females, . . . . .                       | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Mattresses and Spring Beds.</b>       |       | 780   | 641   | 680   | 715   | 778   | 784   | 770   | 795   | 715   | 698   | 648   |
| Males, . . . . .                         | 559   | 495   | 531   | 555   | 582   | 624   | 626   | 599   | 565   | 548   | 527   | 504   |
| Females, . . . . .                       | 161   | 146   | 149   | 160   | 151   | 154   | 168   | 171   | 170   | 167   | 166   | 144   |
| <b>Millinery and Lace Goods.</b>         |       | 1,689 | 1,808 | 2,065 | 1,919 | 1,558 | 1,472 | 1,418 | 1,567 | 1,591 | 1,619 | 1,649 |
| Males, . . . . .                         | 292   | 310   | 319   | 326   | 307   | 244   | 238   | 263   | 312   | 277   | 271   | 303   |
| Females, . . . . .                       | 1,397 | 1,552 | 1,724 | 1,767 | 1,606 | 1,308 | 1,234 | 1,155 | 1,255 | 1,314 | 1,348 | 1,346 |
| <b>Mineral and Soda Waters.</b>          |       | 453   | 522   | 571   | 454   | 553   | 615   | 628   | 471   | 568   | 590   | 519   |
| Males, . . . . .                         | 448   | 294   | 318   | 367   | 451   | 519   | 610   | 681   | 466   | 363   | 315   | 314   |
| Females, . . . . .                       | 5     | 4     | 4     | 4     | 3     | 4     | 5     | 7     | 5     | 5     | 5     | 5     |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                                       | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Mirrors.</b>   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 91                      | 98      | 94       | 94    | 98    | 90    | 89    | 90    | 90     | 88        | 91      | 94       | 96       |
| Females, . . . . .  | 91                      | 93      | 94       | 94    | 93    | 90    | 89    | 90    | 90     | 88        | 91      | 94       | 95       |
|   | -                       | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Models and Patterns, not including Paper Patterns.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 419                     | 480     | 440      | 418   | 416   | 416   | 498   | 457   | 498    | 408       | 387     | 378      | 375      |
| Females, . . . . .  | 401                     | 406     | 437      | 405   | 402   | 399   | 439   | 428   | 438    | 392       | 372     | 361      | 360      |
|   | 18                      | 14      | 13       | 13    | 14    | 17    | 37    | 29    | 28     | 16        | 15      | 15       | 15       |
| <b>Monuments and Tombstones.</b>                          |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 1,245                   | 1,101   | 1,125    | 1,109 | 1,303 | 1,348 | 1,557 | 1,331 | 1,307  | 1,391     | 1,367   | 1,158    | 1,067    |
| Females, . . . . .  | 1,245                   | 1,101   | 1,125    | 1,109 | 1,306 | 1,348 | 1,337 | 1,331 | 1,307  | 1,391     | 1,367   | 1,158    | 1,067    |
|   | -                       | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Mucilage and Paste.</b>                                |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 97                      | 80      | 95       | 98    | 98    | 95    | 98    | 98    | 94     | 98        | 100     | 102      | 100      |
| Females, . . . . .  | 73                      | 79      | 76       | 73    | 73    | 72    | 73    | 68    | 70     | 70        | 73      | 75       | 74       |
|   | 24                      | 20      | 19       | 19    | 23    | 23    | 23    | 24    | 24     | 26        | 27      | 27       | 26       |
| <b>Musical Instruments and Materials, not Specified.</b>  |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 148                     | 164     | 154      | 158   | 155   | 169   | 162   | 138   | 158    | 141       | 144     | 144      | 144      |
| Females, . . . . .  | 129                     | 134     | 134      | 135   | 134   | 135   | 132   | 117   | 119    | 131       | 125     | 125      | 125      |
|   | 19                      | 20      | 20       | 21    | 21    | 21    | 20    | 19    | 19     | 20        | 19      | 19       | 19       |

|  |  |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Musical Instruments, Pianos and Organs,<br/>and Materials.</b>      |  | 4,221  | 4,068  | 4,177  | 4,361  | 4,222  | 4,219  | 4,223  | 4,010  | 4,172  | 4,510  | 4,500  | 4,554  | 4,265  |
| Males, . . . . .   |  | 3,944  | 3,819  | 3,903  | 3,983  | 3,932  | 3,927  | 3,932  | 3,774  | 3,897  | 4,030  | 4,022  | 4,085  | 3,998  |
| Females, . . . . .   |  | 277    | 249    | 274    | 278    | 290    | 292    | 291    | 266    | 275    | 280    | 278    | 269    | 267    |
| <b>Oil, not elsewhere Specified.</b>                                   |  | 510    | 508    | 501    | 511    | 505    | 510    | 513    | 514    | 508    | 506    | 509    | 514    | 510    |
| Males, . . . . .   |  | 301    | 300    | 293    | 303    | 298    | 302    | 303    | 306    | 299    | 298    | 299    | 302    | 298    |
| Females, . . . . .   |  | 9      | 8      | 8      | 8      | 7      | 8      | 9      | 8      | 7      | 8      | 10     | 12     | 12     |
| <b>Optical Goods.</b>  |  | 2,501  | 2,491  | 2,506  | 2,616  | 2,586  | 2,602  | 2,523  | 2,193  | 2,618  | 2,657  | 2,668  | 2,651  | 2,701  |
| Males, . . . . .   |  | 1,862  | 1,782  | 1,861  | 1,889  | 1,833  | 1,827  | 1,810  | 1,798  | 1,896  | 1,895  | 1,912  | 1,897  | 1,936  |
| Females, . . . . .   |  | 739    | 709    | 734    | 727    | 753    | 775    | 713    | 695    | 722    | 762    | 756    | 754    | 765    |
| <b>Paints and Varnishes.</b>   |  | 669    | 644    | 660    | 664    | 674    | 672    | 675    | 672    | 667    | 665    | 679    | 667    | 668    |
| Males, . . . . .   |  | 532    | 505    | 511    | 523    | 532    | 536    | 542    | 538    | 535    | 532    | 537    | 528    | 531    |
| Females, . . . . .   |  | 37     | 39     | 39     | 41     | 42     | 36     | 33     | 34     | 32     | 33     | 42     | 39     | 37     |
| <b>Paper and Wood Pulp.</b>  |  | 14,552 | 14,311 | 14,306 | 14,410 | 14,538 | 14,545 | 14,530 | 13,968 | 14,168 | 14,181 | 14,289 | 14,450 | 14,425 |
| Males, . . . . .   |  | 9,889  | 9,787  | 9,780  | 9,860  | 10,009 | 9,956  | 9,916  | 9,737  | 9,868  | 9,880  | 9,921  | 9,994  | 9,936  |
| Females, . . . . .   |  | 4,663  | 4,524  | 4,526  | 4,550  | 4,529  | 4,589  | 4,614  | 4,249  | 4,300  | 4,301  | 4,368  | 4,456  | 4,489  |
| <b>Paper Goods, not elsewhere Specified.</b>                           |  | 4,864  | 4,076  | 4,187  | 4,147  | 4,175  | 4,162  | 4,583  | 4,408  | 4,869  | 4,581  | 4,530  | 4,530  | 4,451  |
| Males, . . . . .   |  | 2,347  | 2,283  | 2,322  | 2,350  | 2,345  | 2,337  | 2,331  | 2,336  | 2,306  | 2,356  | 2,356  | 2,399  | 2,450  |
| Females, . . . . .   |  | 1,917  | 1,793  | 1,865  | 1,817  | 1,828  | 1,845  | 1,992  | 2,072  | 1,993  | 1,965  | 1,964  | 1,931  | 1,981  |
| <b>Patent Medicines and Compounds and<br/>Druggists' Preparations.</b> |  | 1,495  | 1,490  | 1,486  | 1,486  | 1,453  | 1,428  | 1,348  | 1,367  | 1,580  | 1,589  | 1,681  | 1,747  | 1,709  |
| Males, . . . . .   |  | 667    | 659    | 669    | 661    | 658    | 655    | 635    | 611    | 637    | 676    | 719    | 722    | 727    |
| Females, . . . . .   |  | 828    | 831    | 816    | 764    | 775    | 773    | 713    | 676    | 743    | 853    | 962    | 1,025  | 982    |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.                                  | Average<br>Number<br>Em-<br>ployed | January | Febru-<br>ary | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|------------------------------------|---------|---------------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Photo-Engraving.</b>                              |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 322                                | 327     | 329           | 323   | 324   | 328   | 323   | 318   | 314    | 317            | 321     | 316           | 317           |
| Females, . . . . .                                   | 287                                | 293     | 295           | 289   | 299   | 293   | 288   | 284   | 280    | 281            | 286     | 281           | 283           |
|  | 35                                 | 34      | 34            | 34    | 35    | 35    | 35    | 34    | 34     | 36             | 35      | 35            | 34            |
| <b>Plumbers' Supplies.</b>                           |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 703                                | 717     | 716           | 724   | 719   | 695   | 715   | 695   | 688    | 694            | 710     | 695           | 676           |
| Females, . . . . .                                   | 665                                | 681     | 679           | 687   | 684   | 659   | 675   | 656   | 628    | 656            | 666     | 653           | 637           |
|  | 38                                 | 36      | 37            | 37    | 35    | 36    | 38    | 39    | 40     | 38             | 44      | 42            | 39            |
| <b>Pocketbooks.</b>                                  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 412                                | 382     | 410           | 398   | 409   | 396   | 404   | 410   | 396    | 416            | 427     | 427           | 450           |
| Females, . . . . .                                   | 136                                | 126     | 128           | 131   | 129   | 127   | 134   | 136   | 130    | 136            | 145     | 153           | 155           |
|  | 276                                | 256     | 282           | 267   | 280   | 269   | 270   | 274   | 236    | 280            | 292     | 304           | 295           |
| <b>Pottery, Terra-Cotta, and Fire-Clay Products.</b> |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 519                                | 426     | 436           | 446   | 440   | 461   | 503   | 564   | 555    | 567            | 584     | 578           | 582           |
| Females, . . . . .                                   | 488                                | 406     | 416           | 426   | 430   | 440   | 540   | 530   | 519    | 530            | 549     | 542           | 539           |
|  | 31                                 | 20      | 20            | 20    | 20    | 21    | 53    | 34    | 36     | 37             | 35      | 36            | 43            |
| <b>Printing and Publishing.</b>                      |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 6,776                              | 6,876   | 6,910         | 6,868 | 6,815 | 6,728 | 6,701 | 6,647 | 6,674  | 6,744          | 6,778   | 6,758         | 6,806         |
| Females, . . . . .                                   | 4,651                              | 4,716   | 4,754         | 4,738 | 4,681 | 4,609 | 4,583 | 4,580 | 4,583  | 4,606          | 4,642   | 4,628         | 4,681         |
|  | 2,125                              | 2,159   | 2,156         | 2,128 | 2,132 | 2,119 | 2,118 | 2,067 | 2,091  | 2,138          | 2,136   | 2,130         | 2,124         |
| <b>Refrigerators.</b>                                |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                                     | 128                                | 149     | 152           | 159   | 140   | 138   | 135   | 139   | 102    | 97             | 100     | 109           | 115           |
| Females, . . . . .                                   | 128                                | 149     | 152           | 159   | 140   | 138   | 133   | 129   | 102    | 97             | 100     | 109           | 113           |

[illegible]



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.                               |  | January                 | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|--|-------------------------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
|   |  | Average Number Employed |          |       |       |       |       |       |        |           |         |          |          |
| <b>Shirts.</b>                                    |  | 1,917                   | 1,963    | 1,979 | 1,979 | 1,970 | 1,980 | 1,844 | 1,465  | 1,898     | 1,981   | 2,037    | 2,011    |
| Males, . . . . .                                  |  | 436                     | 421      | 435   | 441   | 445   | 448   | 438   | 349    | 446       | 459     | 470      | 474      |
| Females, . . . . .                                |  | 1,481                   | 1,542    | 1,544 | 1,538 | 1,525 | 1,482 | 1,406 | 1,116  | 1,450     | 1,502   | 1,577    | 1,537    |
| <b>Shoddy.</b>                                    |  | 488                     | 512      | 553   | 500   | 499   | 474   | 444   | 461    | 468       | 471     | 484      | 462      |
| Males, . . . . .                                  |  | 431                     | 458      | 474   | 446   | 442   | 424   | 388   | 403    | 414       | 411     | 424      | 402      |
| Females, . . . . .                                |  | 55                      | 54       | 59    | 54    | 57    | 50    | 56    | 58     | 54        | 60      | 60       | 60       |
| <b>Show Cases.</b>                                |  | 83                      | 83       | 88    | 89    | 91    | 82    | 75    | 76     | 81        | 88      | 78       | 78       |
| Males, . . . . .                                  |  | 83                      | 83       | 88    | 89    | 91    | 82    | 75    | 76     | 81        | 88      | 78       | 78       |
| Females, . . . . .                                |  | -                       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Signs and Advertising Novelties.</b>           |  | 150                     | 154      | 154   | 145   | 150   | 153   | 163   | 152    | 159       | 168     | 176      | 168      |
| Males, . . . . .                                  |  | 110                     | 108      | 110   | 105   | 107   | 108   | 114   | 106    | 108       | 115     | 116      | 109      |
| Females, . . . . .                                |  | 49                      | 46       | 44    | 40    | 43    | 45    | 49    | 46     | 51        | 53      | 60       | 59       |
| <b>Silk and Silk Goods, Including Throwsters.</b> |  | 4,407                   | 4,674    | 4,959 | 4,428 | 4,247 | 4,284 | 4,208 | 4,579  | 4,406     | 4,578   | 4,597    | 4,546    |
| Males, . . . . .                                  |  | 1,374                   | 1,467    | 1,433 | 1,340 | 1,316 | 1,328 | 1,305 | 1,370  | 1,338     | 1,392   | 1,390    | 1,359    |
| Females, . . . . .                                |  | 3,033                   | 3,207    | 3,203 | 3,088 | 2,931 | 2,956 | 2,901 | 3,009  | 3,068     | 3,186   | 3,207    | 3,187    |
| <b>Silverware and Plated Ware.</b>                |  | 2,744                   | 2,669    | 2,728 | 2,717 | 2,672 | 2,676 | 2,301 | 2,785  | 2,583     | 2,004   | 3,009    | 2,868    |
| Males, . . . . .                                  |  | 2,321                   | 2,280    | 2,339 | 2,317 | 2,273 | 2,273 | 1,969 | 2,375  | 2,444     | 2,492   | 2,492    | 2,377    |
| Females, . . . . .                                |  | 423                     | 379      | 389   | 400   | 399   | 402   | 342   | 410    | 489       | 512     | 517      | 475      |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

| Industries and Sex.   | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Stereotyping and Electrotyping.</b>                        |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 263                                | 262     | 268      | 287   | 262   | 269   | 289   | 289   | 281    | 284       | 284     | 282      | 282      |
| Females, . . . . .  | 21                                 | 19      | 22       | 22    | 22    | 21    | 20    | 20    | 19     | 20        | 22      | 23       | 23       |
| <b>Stores and Furnaces, not including Gas and Oil Stores.</b> |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 1,621                              | 1,506   | 1,596    | 1,807 | 1,620 | 1,619 | 1,611 | 1,588 | 1,686  | 1,704     | 1,705   | 1,680    | 1,569    |
| Females, . . . . .  | 8                                  | 6       | 6        | 6     | 7     | 7     | 7     | 8     | 8      | 8         | 9       | 8        | 7        |
| <b>Structural Ironwork.</b>                                   |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 1,067                              | 1,000   | 1,558    | 1,511 | 1,505 | 1,670 | 1,692 | 1,746 | 1,764  | 1,742     | 1,764   | 1,711    | 1,618    |
| Females, . . . . .  | —                                  | —       | —        | —     | —     | —     | —     | —     | —      | —         | —       | —        | —        |
| <b>Surgical Appliances.</b>                                   |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 241                                | 230     | 233      | 230   | 241   | 239   | 239   | 248   | 259    | 255       | 257     | 248      | 240      |
| Females, . . . . .  | 88                                 | 82      | 77       | 82    | 89    | 85    | 86    | 91    | 97     | 94        | 95      | 88       | 84       |
| <b>Suspenders, Garters, and Elastic Woven Goods.</b>          |                                    |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .  | 3,101                              | 3,123   | 3,180    | 3,206 | 3,091 | 2,966 | 2,954 | 2,986 | 2,896  | 3,046     | 3,276   | 3,266    | 3,236    |
| Females, . . . . .  | 2,100                              | 2,118   | 2,116    | 2,167 | 2,092 | 2,029 | 2,003 | 1,969 | 1,997  | 2,102     | 2,223   | 2,220    | 2,196    |

|   |   |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Tobacco Manufactures.</b>                |   | 4,151 | 3,798 | 4,009 | 4,043 | 4,151 | 4,108 | 4,329 | 4,351 | 4,280 | 4,259 | 4,257 | 4,263 | 4,211 |
| Males, . . . . .                            | . | 2,977 | 2,646 | 2,803 | 2,839 | 2,920 | 2,986 | 3,047 | 3,069 | 3,067 | 3,072 | 3,083 | 3,085 | 3,050 |
| Females, . . . . .                          | . | 1,174 | 1,152 | 1,206 | 1,213 | 1,231 | 1,122 | 1,182 | 1,162 | 1,153 | 1,157 | 1,160 | 1,178 | 1,152 |
| <b>Toys and Games.</b>                      |   | 1,846 | 849   | 948   | 1,085 | 1,084 | 1,160 | 1,305 | 1,540 | 1,511 | 1,589 | 1,555 | 1,480 | 1,097 |
| Males, . . . . .                            | . | 837   | 612   | 656   | 699   | 735   | 751   | 844   | 971   | 938   | 987   | 999   | 949   | 787   |
| Females, . . . . .                          | . | 419   | 237   | 292   | 387   | 349   | 409   | 461   | 569   | 573   | 542   | 556   | 471   | 340   |
| <b>Trunks and Valises.</b>                  |   | 451   | 351   | 385   | 451   | 495   | 509   | 512   | 539   | 474   | 474   | 450   | 487   | 563   |
| Males, . . . . .                            | . | 337   | 260   | 292   | 333   | 364   | 371   | 376   | 398   | 360   | 353   | 331   | 319   | 272   |
| Females, . . . . .                          | . | 114   | 71    | 93    | 118   | 129   | 138   | 136   | 131   | 114   | 121   | 119   | 108   | 86    |
| <b>Type Foundry and Printing Materials.</b> |   | 108   | 121   | 119   | 118   | 117   | 107   | 103   | 101   | 98    | 90    | 101   | 108   | 108   |
| Males, . . . . .                            | . | 86    | 95    | 96    | 94    | 93    | 84    | 83    | 82    | 79    | 80    | 82    | 85    | 85    |
| Females, . . . . .                          | . | 22    | 26    | 23    | 24    | 24    | 23    | 21    | 19    | 19    | 19    | 19    | 23    | 23    |
| <b>Upholstering Materials.</b>              |   | 123   | 131   | 126   | 137   | 121   | 118   | 113   | 140   | 121   | 124   | 114   | 116   | 122   |
| Males, . . . . .                            | . | 119   | 128   | 123   | 133   | 117   | 114   | 113   | 135   | 117   | 119   | 110   | 111   | 116   |
| Females, . . . . .                          | . | 4     | 3     | 3     | 4     | 4     | 4     | 0     | 5     | 4     | 5     | 4     | 4     | 6     |
| <b>Vinegar and Cider.</b>                   |   | 32    | 23    | 22    | 21    | 22    | 24    | 22    | 26    | 28    | 42    | 58    | 54    | 30    |
| Males, . . . . .                            | . | 32    | 23    | 22    | 21    | 22    | 24    | 22    | 26    | 28    | 42    | 58    | 54    | 30    |
| Females, . . . . .                          | . | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Waste.</b>                               |   | 641   | 698   | 674   | 638   | 668   | 623   | 610   | 609   | 538   | 617   | 639   | 651   | 682   |
| Males, . . . . .                            | . | 385   | 409   | 349   | 411   | 413   | 395   | 379   | 375   | 353   | 374   | 386   | 395   | 390   |
| Females, . . . . .                          | . | 256   | 289   | 275   | 277   | 245   | 233   | 231   | 234   | 235   | 243   | 253   | 256   | 292   |

TABLE III. WAGE-EARNERS — Concluded.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Concluded.

| Industries and Sex.                             | Average Number Employed | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|---|-------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| <b>Watch and Clock Materials.</b>               |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 170                     | 170     | 176      | 180   | 177   | 174   | 166   | 172   | 180    | 175       | 174     | 179      | 172      |
| Females, . . . . .                              | 60                      | 59      | 60       | 60    | 60    | 59    | 57    | 62    | 44     | 64        | 63      | 65       | 63       |
|   | 110                     | 111     | 116      | 120   | 117   | 115   | 109   | 110   | 83     | 111       | 111     | 114      | 109      |
| <b>Whips.</b>                                   |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 1,123                   | 1,157   | 1,139    | 1,164 | 1,154 | 1,162 | 1,108 | 1,086 | 1,135  | 1,112     | 1,127   | 1,084    | 1,080    |
| Females, . . . . .                              | 784                     | 812     | 795      | 803   | 802   | 796   | 769   | 760   | 798    | 780       | 797     | 768      | 734      |
|   | 339                     | 345     | 344      | 361   | 352   | 356   | 337   | 326   | 337    | 332       | 330     | 316      | 316      |
| <b>Window Shades and Fixtures.</b>              |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 57                      | 53      | 53       | 57    | 55    | 59    | 57    | 58    | 56     | 58        | 58      | 50       | 55       |
| Females, . . . . .                              | 50                      | 48      | 48       | 51    | 49    | 53    | 51    | 50    | 48     | 50        | 50      | 48       | 48       |
|   | 7                       | 5       | 5        | 6     | 6     | 6     | 6     | 8     | 8      | 8         | 8       | 8        | 7        |
| <b>Wire.</b>                                    |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 3,964                   | 3,718   | 3,613    | 3,579 | 3,461 | 3,311 | 3,300 | 3,169 | 3,123  | 3,147     | 3,146   | 2,896    | 2,667    |
| Females, . . . . .                              | 3,172                   | 3,027   | 3,550    | 3,483 | 3,365 | 3,216 | 3,202 | 3,071 | 3,032  | 3,055     | 3,056   | 2,811    | 2,589    |
|   | 92                      | 91      | 93       | 96    | 96    | 95    | 98    | 98    | 91     | 92        | 90      | 85       | 78       |
| <b>Wirework, Including Wire Rope and Cable.</b> |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 2,546                   | 2,638   | 2,658    | 2,652 | 2,592 | 2,461 | 2,446 | 2,411 | 2,453  | 2,454     | 2,589   | 2,604    | 2,584    |
| Females, . . . . .                              | 2,053                   | 2,159   | 2,133    | 2,133 | 2,060 | 1,978 | 1,954 | 1,973 | 1,976  | 2,008     | 2,102   | 2,122    | 2,045    |
|   | 488                     | 479     | 500      | 519   | 532   | 453   | 492   | 438   | 477    | 476       | 497     | 482      | 479      |
| <b>Wood, Turned and Carved.</b>                 |                         |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                                | 1,500                   | 1,480   | 1,444    | 1,424 | 1,332 | 1,280 | 1,254 | 1,261 | 1,189  | 1,179     | 1,257   | 1,202    | 1,267    |
| Females, . . . . .                              | 1,277                   | 1,403   | 1,421    | 1,402 | 1,311 | 1,258 | 1,234 | 1,240 | 1,166  | 1,155     | 1,232   | 1,241    | 1,245    |
|   | 23                      | 23      | 23       | 22    | 21    | 22    | 20    | 21    | 23     | 24        | 25      | 21       | 22       |

| Wooden Goods, not elsewhere specified. |   | \$70   | \$78   | \$84   | \$73   | \$75   | \$79   | \$83   | \$87   | \$93   | \$86   | \$75   | \$78   | \$86   |
|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Males, . . . . .                       | . | 240    | 242    | 230    | 239    | 240    | 244    | 280    | 236    | 230    | 234    | 241    | 242    | 242    |
| Females, . . . . .                     | . | 30     | 34     | 34     | 34     | 35     | 35     | 33     | 31     | 6      | 32     | 34     | 34     | 24     |
| Wool Scouring.                         |   | 608    | 646    | 651    | 653    | 431    | 449    | 459    | 574    | 624    | 665    | 697    | 698    | 695    |
| Males, . . . . .                       | . | 577    | 615    | 614    | 627    | 454    | 416    | 431    | 544    | 595    | 635    | 665    | 666    | 663    |
| Females, . . . . .                     | . | 31     | 31     | 37     | 31     | 27     | 33     | 28     | 30     | 29     | 30     | 32     | 32     | 32     |
| Woolen and Worsted Goods.              |   | 49,709 | 54,976 | 54,535 | 53,805 | 60,391 | 47,493 | 45,638 | 40,417 | 47,993 | 50,383 | 50,380 | 50,380 | 51,101 |
| Males, . . . . .                       | . | 29,638 | 32,657 | 32,422 | 31,365 | 29,929 | 26,133 | 27,183 | 24,408 | 28,775 | 30,341 | 30,040 | 30,009 | 30,464 |
| Females, . . . . .                     | . | 20,071 | 22,319 | 22,113 | 21,218 | 20,462 | 19,360 | 18,455 | 16,009 | 19,151 | 20,332 | 20,340 | 20,381 | 20,637 |
| Other Industries.                      |   | 25,557 | 25,741 | 26,028 | 26,143 | 26,076 | 25,893 | 25,851 | 25,853 | 25,454 | 25,389 | 25,775 | 26,058 | 26,135 |
| Males, . . . . .                       | . | 19,727 | 19,647 | 19,876 | 20,002 | 19,932 | 19,784 | 19,871 | 19,961 | 19,483 | 19,167 | 19,449 | 19,703 | 19,848 |
| Females, . . . . .                     | . | 6,130  | 6,094  | 6,152  | 6,146  | 6,144  | 6,102  | 5,980  | 5,872  | 5,971  | 6,192  | 6,326  | 6,335  | 6,287  |

TABLE IV. WAGE-EARNERS.  
NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY  
AGE\* AND SEX.

| INDUSTRIES.   | 18 YEARS OF AGE<br>AND OVER |                |                | UNDER 18 YEARS<br>OF AGE |               |               | Aggre-<br>gates |
|---|-----------------------------|----------------|----------------|--------------------------|---------------|---------------|-----------------|
|   | Males                       | Fe-<br>males   | Total          | Males                    | Fe-<br>males  | Total         |                 |
| <b>THE STATE.</b>   | <b>399,435</b>              | <b>170,111</b> | <b>569,546</b> | <b>24,321</b>            | <b>27,993</b> | <b>52,314</b> | <b>622,860</b>  |
| Agricultural implements, . . .  | 500                         | —              | 500            | 16                       | —             | 16            | 516             |
| Artificial stone, . . .   | 204                         | —              | 204            | 3                        | —             | 3             | 207             |
| Automobiles, including bodies and<br>parts, . . .                                       | 3,387                       | 27             | 3,414          | 68                       | —             | 68            | 3,482           |
| Awnings, tents, and sails, . . .  | 170                         | 86             | 256            | 5                        | 2             | 7             | 263             |
| Baskets, and rattan and willow-<br>ware, . . .  | 197                         | 7              | 204            | 8                        | 6             | 14            | 218             |
| Belting and hose, leather, . . .  | 1,082                       | 34             | 1,116          | 81                       | 9             | 90            | 1,206           |
| Belting and hose, woven, . . .  | 95                          | 61             | 156            | 9                        | 11            | 20            | 176             |
| Bicycles, motorcycles, and parts, . .   | 3,039                       | —              | 3,039          | 70                       | —             | 70            | 3,109           |
| Billiard tables and materials, . . .  | 24                          | —              | 24             | —                        | —             | —             | 24              |
| Blacking, . . .   | 223                         | 187            | 410            | 9                        | 24            | 33            | 443             |
| Bookbinding and blank-book mak-<br>ing, . . .   | 1,168                       | 1,053          | 2,221          | 126                      | 149           | 275           | 2,496           |
| Boot and shoe cut stock and find-<br>ings, . . .  | 5,966                       | 2,526          | 8,492          | 469                      | 288           | 757           | 9,349           |
| Boots and shoes, . . .  | 51,848                      | 25,952         | 77,800         | 3,326                    | 3,348         | 6,674         | 84,474          |
| Boots and shoes, rubber, . . .  | 4,806                       | 3,005          | 7,811          | 191                      | 158           | 349           | 8,160           |
| Boxes, cigar, . . .   | 71                          | 61             | 132            | 12                       | 27            | 39            | 171             |
| Boxes, fancy and paper, . . .   | 1,413                       | 2,308          | 3,721          | 121                      | 599           | 720           | 4,441           |
| Boxes, wooden packing, . . .  | 3,215                       | 287            | 3,502          | 136                      | 54            | 190           | 3,692           |
| Braes and bronze products, . . .  | 1,783                       | 38             | 1,821          | 17                       | 5             | 22            | 1,843           |
| Bread and other bakery products, . .  | 4,789                       | 950            | 5,739          | 162                      | 341           | 503           | 6,242           |
| Brick and tile, . . .   | 430                         | —              | 430            | 2                        | —             | 2             | 432             |
| Brooms, . . .   | 101                         | 9              | 110            | 15                       | 1             | 16            | 126             |
| Brushes, . . .  | 713                         | 666            | 1,379          | 61                       | 141           | 202           | 1,581           |
| Butter, . . .   | 44                          | —              | 44             | —                        | —             | —             | 44              |
| Buttons, . . .  | 309                         | 326            | 635            | 64                       | 90            | 154           | 789             |
| Canning and preserving, . . .   | 1,278                       | 419            | 1,697          | 32                       | 14            | 46            | 1,743           |
| Card cutting and designing, . . .   | 31                          | 27             | 58             | 3                        | 6             | 9             | 67              |
| Carpets and rugs, other than rag, . .   | 2,749                       | 1,949          | 4,698          | 451                      | 438           | 889           | 5,587           |
| Carpets, rag, . . .   | 64                          | 9              | 73             | 6                        | —             | 6             | 79              |
| Carriages and sleds, children's, . . .  | 780                         | 139            | 919            | 35                       | 10            | 45            | 964             |
| Carriages and wagons and ma-<br>terials, . . .  | 1,014                       | 1              | 1,015          | 16                       | —             | 16            | 1,031           |
| Cars and general shop construction<br>and repairs by steam railroad<br>companies, . . . | 6,245                       | 20             | 6,265          | 97                       | —             | 97            | 6,362           |
| Chemicals, . . .  | 1,242                       | 88             | 1,330          | 31                       | 26            | 57            | 1,387           |
| Cleansing and polishing prepara-<br>tions, . . .  | 37                          | 9              | 46             | 4                        | 2             | 6             | 52              |
| Clocks, . . .   | 219                         | 21             | 240            | 10                       | —             | 10            | 250             |
| Cloth, sponging and refinishing, . .  | 53                          | —              | 53             | —                        | —             | —             | 53              |
| Clothing, men's, . . .  | 2,915                       | 3,243          | 6,158          | 73                       | 193           | 266           | 6,424           |
| Clothing, women's, . . .  | 1,885                       | 4,043          | 5,428          | 73                       | 321           | 394           | 5,822           |
| Coffee and spice, roasting and<br>grinding, . . .                                       | 241                         | 153            | 394            | 4                        | 8             | 12            | 406             |
| Coffins, burial cases, and under-<br>takers' goods, . . .                               | 299                         | 40             | 339            | 17                       | 3             | 20            | 359             |
| Combs and hairpins, . . .   | 1,349                       | 422            | 1,771          | 186                      | 154           | 340           | 2,111           |
| Confectionery, . . .  | 1,892                       | 4,356          | 6,248          | 179                      | 1,735         | 1,914         | 8,162           |
| Cooperage, . . .  | 734                         | 13             | 747            | 75                       | —             | 75            | 822             |
| Copper, tin, and sheet-iron prod-<br>ucts, . . .  | 2,106                       | 266            | 2,372          | 151                      | 51            | 202           | 2,574           |
| Cordage and twine, . . .  | 2,209                       | 425            | 2,634          | 112                      | 98            | 210           | 2,844           |
| Cordials and sirups, . . .  | 28                          | 6              | 34             | 1                        | —             | 1             | 36              |
| Corsets, . . .  | 292                         | 2,097          | 2,389          | 40                       | 458           | 498           | 2,887           |
| Cotton goods, . . .   | 57,080                      | 46,999         | 104,079        | 6,183                    | 7,175         | 13,358        | 117,437         |

TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Continued.

| INDUSTRIES.  | 18 YEARS OF AGE AND OVER |         |        | UNDER 18 YEARS OF AGE |         |       | Aggregates |
|--|--------------------------|---------|--------|-----------------------|---------|-------|------------|
|  | Males                    | Females | Total  | Males                 | Females | Total |            |
| <b>The State — Con.</b>  |                          |         |        |                       |         |       |            |
| Cotton small wares, . . . . .  | 313                      | 404     | 717    | 38                    | 99      | 137   | 854        |
| Cutlery and tools, not elsewhere specified, . . . . .  | 5,842                    | 755     | 6,597  | 356                   | 148     | 504   | 7,101      |
| Dairymen's, poulterers', and apirists' supplies, . . . . .   | 15                       | 2       | 17     | 2                     | —       | 2     | 19         |
| Dentists' materials, . . . . .   | 30                       | 21      | 51     | 9                     | 5       | 14    | 65         |
| Dyeing and finishing textiles, . . . . .   | 9,426                    | 1,814   | 11,240 | 577                   | 445     | 1,022 | 12,262     |
| Dyestuffs and extracts, . . . . .  | 93                       | 1       | 94     | 4                     | 1       | 5     | 99         |
| Electrical machinery, apparatus, and supplies, . . . . .   | 15,881                   | 3,176   | 19,057 | 825                   | 897     | 1,722 | 20,779     |
| Electroplating, . . . . .  | 214                      | 13      | 227    | 20                    | 6       | 26    | 253        |
| Emery and other abrasive wheels, . . . . .   | 954                      | 35      | 989    | 26                    | 4       | 30    | 1,019      |
| Enameling and japanning, . . . . .   | 70                       | 41      | 111    | 7                     | 6       | 13    | 124        |
| Engraving and diesinking, . . . . .  | 114                      | 27      | 141    | 19                    | 16      | 35    | 176        |
| Envelopes, . . . . .   | 674                      | 1,109   | 1,783  | 72                    | 298     | 370   | 2,153      |
| Fancy articles, not elsewhere specified, . . . . .   | 379                      | 180     | 459    | 21                    | 27      | 48    | 507        |
| Felt goods, . . . . .  | 775                      | 122     | 897    | 25                    | 12      | 37    | 934        |
| Firearms, . . . . .  | 2,264                    | 41      | 2,305  | 119                   | 2       | 121   | 2,426      |
| Flavoring extracts, . . . . .  | 38                       | 51      | 89     | 5                     | 9       | 14    | 103        |
| Flour-mill and gristmill products, . . . . .   | 157                      | 4       | 161    | —                     | —       | —     | 161        |
| Food preparations, . . . . .   | 270                      | 95      | 365    | 12                    | 19      | 31    | 396        |
| Foundry and machine-shop products, . . . . .   | 34,846                   | 477     | 35,323 | 1,260                 | 86      | 1,346 | 36,669     |
| Fur goods, . . . . .   | 100                      | 92      | 192    | 6                     | 8       | 14    | 206        |
| Furnishing goods, men's, . . . . .   | 63                       | 346     | 409    | 7                     | 61      | 68    | 477        |
| Furniture, . . . . .   | 7,213                    | 671     | 7,884  | 370                   | 104     | 474   | 8,358      |
| Galvanizing, . . . . .   | 14                       | —       | 14     | —                     | —       | —     | 14         |
| Gas and electric fixtures, . . . . .   | 132                      | 3       | 135    | 13                    | —       | 13    | 148        |
| Glass, cutting, staining, and ornamenting, . . . . .   | 216                      | 9       | 225    | 17                    | —       | 17    | 242        |
| Glue, . . . . .  | 464                      | 141     | 605    | 5                     | 13      | 18    | 623        |
| Gold and silver, leaf and foil, . . . . .  | 64                       | 57      | 121    | 9                     | 10      | 19    | 140        |
| Gold and silver, reducing and refining, not from the ore, . . . . .  | 83                       | 18      | 101    | 3                     | —       | 3     | 104        |
| Grease and tallow, . . . . .   | 665                      | 9       | 674    | 1                     | 1       | 2     | 676        |
| Hand-knit goods, . . . . .   | 4                        | 7       | 11     | —                     | —       | —     | 11         |
| Hand stamps and stencils and brands, . . . . .   | 76                       | 21      | 97     | 15                    | 7       | 22    | 119        |
| Hardware, . . . . .  | 1,334                    | 85      | 1,419  | 170                   | 25      | 195   | 1,614      |
| Hats and caps, other than felt, straw and wool, . . . . .  | 174                      | 85      | 259    | 11                    | 13      | 24    | 283        |
| Hats, felt, . . . . .  | 647                      | 465     | 1,112  | 9                     | 24      | 33    | 1,145      |
| Hats, straw, . . . . .   | 852                      | 1,503   | 2,355  | 28                    | 45      | 73    | 2,428      |
| Hosiery and knit goods, . . . . .  | 2,671                    | 6,758   | 9,429  | 342                   | 1,264   | 1,606 | 11,035     |
| House-furnishing goods, not elsewhere specified, . . . . .   | 462                      | 179     | 641    | 58                    | 24      | 82    | 723        |
| Instruments, professional and scientific, . . . . .  | 464                      | 68      | 532    | 10                    | 1       | 11    | 543        |
| Iron and steel, steel works and rolling mills, . . . . .   | 2,974                    | 70      | 3,044  | 7                     | —       | 7     | 3,051      |
| Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills, . . . . .                         | 967                      | 320     | 1,287  | 32                    | 68      | 100   | 1,387      |
| Iron and steel forgings, . . . . .   | 524                      | —       | 524    | 15                    | —       | 15    | 539        |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . . . . | 943                      | 278     | 1,221  | 47                    | 39      | 86    | 1,307      |
| Ivory, shell, and bone work, not including combs and hairpins, . . . . .   | 44                       | 8       | 52     | —                     | 2       | 2     | 54         |



TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY  
AGE AND SEX — Continued.

| INDUSTRIES.  | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|--|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|  | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| <b>The State — Con.</b>  |                             |              |        |                          |              |       |                 |
| Jewelry, . . . . .   | 4,833                       | 2,225        | 7,058  | 374                      | 341          | 715   | 7,773           |
| Jewelry and instrument cases, . . . . .  | 81                          | 139          | 220    | 14                       | 20           | 34    | 254             |
| Kaolin and ground earthenware, . . . . .   | 80                          | —            | 80     | 1                        | —            | 1     | 81              |
| Labels and tags, . . . . .   | 14                          | 3            | 17     | 3                        | 1            | 4     | 21              |
| Lamps and reflectors, . . . . .  | 352                         | 35           | 387    | 38                       | 3            | 41    | 428             |
| Lasts, . . . . .   | 950                         | 1            | 951    | 52                       | —            | 52    | 1,003           |
| Leather goods, not elsewhere speci-<br>fied, . . . . .                               | 277                         | 346          | 623    | 29                       | 39           | 68    | 691             |
| Leather, tanned, curried, and fin-<br>ished, . . . . .                               | 10,532                      | 145          | 10,677 | 204                      | 21           | 225   | 10,902          |
| Lime, . . . . .  | 410                         | —            | 410    | 1                        | —            | 1     | 411             |
| Linen goods, . . . . .   | 597                         | 685          | 1,282  | 139                      | 261          | 400   | 1,682           |
| Liquors, distilled, . . . . .  | 77                          | —            | 77     | 1                        | —            | 1     | 78              |
| Liquors, malt, . . . . .   | 1,941                       | 7            | 1,948  | —                        | —            | —     | 1,948           |
| Looking-glass and picture frames, . . . . .  | 204                         | 16           | 220    | 15                       | —            | 15    | 235             |
| Lumber and timber products, . . . . .  | 637                         | 10           | 637    | 4                        | —            | 4     | 641             |
| Lumber, planing-mill products, . . . . .   | 2,986                       | 4            | 2,990  | 64                       | —            | 64    | 3,064           |
| Marble and stone work, . . . . .   | 3,378                       | —            | 3,378  | 42                       | —            | 42    | 3,420           |
| Mattresses and spring beds, . . . . .  | 470                         | 133          | 603    | 39                       | 25           | 64    | 667             |
| Millinery and lace goods, . . . . .  | 223                         | 1,147        | 1,370  | 27                       | 157          | 184   | 1,554           |
| Mineral and soda waters, . . . . .   | 309                         | 5            | 314    | 4                        | —            | 4     | 318             |
| Mirrors, . . . . .   | 92                          | —            | 92     | 4                        | —            | 4     | 96              |
| Models and patterns, not including<br>paper patterns, . . . . .                      | 337                         | 14           | 351    | 21                       | 1            | 22    | 373             |
| Monuments and tombstones, . . . . .  | 1,062                       | —            | 1,062  | 24                       | —            | 24    | 1,086           |
| Mucilage and paste, . . . . .  | 74                          | 23           | 97     | 5                        | —            | 5     | 102             |
| Musical instruments and materials,<br>not specified, . . . . .                       | 117                         | 17           | 134    | 7                        | 1            | 8     | 142             |
| Musical instruments, pianos and<br>organs and materials, . . . . .                   | 3,658                       | 189          | 3,847  | 335                      | 78           | 413   | 4,260           |
| Oil, not elsewhere specified, . . . . .  | 299                         | 12           | 311    | 3                        | —            | 3     | 314             |
| Optical goods, . . . . .   | 1,802                       | 642          | 2,444  | 116                      | 140          | 256   | 2,700           |
| Paints and varnishes, . . . . .  | 524                         | 32           | 556    | 14                       | 6            | 20    | 576             |
| Paper and wood pulp, . . . . .   | 9,900                       | 4,004        | 13,904 | 271                      | 338          | 609   | 14,513          |
| Paper goods, not elsewhere speci-<br>fied, . . . . .                                 | 2,332                       | 1,546        | 3,778  | 187                      | 435          | 622   | 4,400           |
| Patent medicines and compounds<br>and druggists' preparations, . . . . .             | 655                         | 819          | 1,474  | 65                       | 154          | 219   | 1,693           |
| Photo-engraving, . . . . .   | 257                         | 23           | 280    | 23                       | 10           | 33    | 313             |
| Plumbers' supplies, . . . . .  | 609                         | 30           | 639    | 33                       | 9            | 42    | 681             |
| Pocketbooks, . . . . .   | 135                         | 256          | 391    | 18                       | 40           | 58    | 449             |
| Pottery, terra-cotta, and fire-clay<br>products, . . . . .                           | 500                         | 40           | 540    | 42                       | 2            | 44    | 584             |
| Printing and publishing, . . . . .   | 4,160                       | 1,901        | 6,061  | 417                      | 191          | 608   | 6,669           |
| Refrigerators, . . . . .   | 148                         | —            | 148    | 3                        | —            | 3     | 151             |
| Regalia and society badges and<br>emblems, . . . . .                                 | 5                           | 26           | 31     | 1                        | —            | 1     | 32              |
| Rubber goods, not elsewhere speci-<br>fied, . . . . .                                | 4,357                       | 667          | 5,024  | 243                      | 213          | 456   | 5,480           |
| Saddlery and harness, . . . . .  | 239                         | 8            | 247    | 5                        | —            | 5     | 252             |
| Sausage, not made in slaughtering<br>and meat-packing establish-<br>ments, . . . . . | 425                         | 3            | 428    | 3                        | —            | 3     | 431             |
| Scales and balances, . . . . .   | 18                          | 1            | 19     | —                        | —            | —     | 19              |
| Screws, machine, . . . . .   | 448                         | 17           | 465    | 57                       | 12           | 69    | 534             |
| Shipbuilding, wooden, including<br>boat building, . . . . .                          | 523                         | —            | 523    | 7                        | —            | 7     | 530             |
| Shirts, . . . . .  | 465                         | 1,399        | 1,864  | 23                       | 130          | 153   | 2,017           |

TABLE IV. WAGE-EARNERS — Concluded.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Concluded.

| INDUSTRIES.  | 18 YEARS OF AGE AND OVER |         |        | UNDER 18 YEARS OF AGE |         |       | Aggregates |
|--|--------------------------|---------|--------|-----------------------|---------|-------|------------|
|  | Males                    | Females | Total  | Males                 | Females | Total |            |
| <b>The State — Con.</b>  |                          |         |        |                       |         |       |            |
| Shoddy, . . . . .  | 410                      | 60      | 470    | 3                     | —       | 3     | 473        |
| Show cases, . . . . .  | 71                       | —       | 71     | 2                     | —       | 2     | 73         |
| Signs and advertising novelties, . . . . .                       | 105                      | 48      | 153    | 7                     | 6       | 13    | 166        |
| Silk and silk goods, including throwsters, . . . . .             | 1,180                    | 2,626   | 3,806  | 189                   | 588     | 777   | 4,583      |
| Silverware and plated ware, . . . . .                            | 2,327                    | 391     | 2,718  | 118                   | 83      | 201   | 2,919      |
| Slaughtering and meat packing, . . . . .                         | 3,318                    | 27      | 3,345  | 62                    | 3       | 65    | 3,410      |
| Soap, . . . . .  | 348                      | 99      | 447    | 14                    | 43      | 57    | 504        |
| Sporting and athletic goods, . . . . .                           | 857                      | 281     | 1,138  | 76                    | 74      | 150   | 1,288      |
| Stationery goods, not elsewhere specified, . . . . .             | 606                      | 777     | 1,383  | 69                    | 235     | 304   | 1,687      |
| Statuary and art goods, . . . . .                                | 110                      | —       | 110    | 1                     | —       | 1     | 111        |
| Steam fittings and heating apparatus, . . . . .                  | 3,201                    | 99      | 3,300  | 91                    | 8       | 99    | 3,399      |
| Steam packing, . . . . .   | 85                       | 1       | 86     | 2                     | —       | 2     | 88         |
| Stereotyping and electrotyping, . . . . .                        | 240                      | 19      | 259    | 20                    | 3       | 23    | 282        |
| Stoves and furnaces, not including gas and oil stoves, . . . . . | 1,618                    | 7       | 1,625  | 19                    | —       | 19    | 1,644      |
| Structural ironwork, . . . . .                                   | 1,574                    | —       | 1,574  | 18                    | —       | 18    | 1,592      |
| Surgical appliances, . . . . .                                   | 141                      | 69      | 210    | 11                    | 15      | 26    | 236        |
| Suspenders, garters, and elastic woven goods, . . . . .          | 974                      | 1,807   | 2,781  | 74                    | 388     | 462   | 3,243      |
| Tobacco manufactures, . . . . .                                  | 2,985                    | 1,085   | 4,070  | 84                    | 70      | 154   | 4,224      |
| Toys and games, . . . . .  | 789                      | 261     | 1,050  | 66                    | 55      | 121   | 1,151      |
| Trunks and valises, . . . . .                                    | 255                      | 64      | 319    | 15                    | 20      | 35    | 354        |
| Type founding and printing materials, . . . . .                  | 83                       | 21      | 104    | 3                     | 5       | 8     | 112        |
| Upholstering materials, . . . . .                                | 117                      | 5       | 122    | —                     | 1       | 1     | 123        |
| Vinegar and cider, . . . . .                                     | 30                       | —       | 30     | —                     | —       | —     | 30         |
| Waste, . . . . .   | 378                      | 244     | 622    | 2                     | 12      | 14    | 636        |
| Watch and clock materials, . . . . .                             | 61                       | 102     | 163    | 7                     | 11      | 18    | 181        |
| Whips, . . . . .   | 724                      | 279     | 1,013  | 34                    | 24      | 68    | 1,081      |
| Window shades and fixtures, . . . . .                            | 47                       | 4       | 51     | 3                     | 2       | 6     | 57         |
| Wire, . . . . .  | 2,139                    | 45      | 2,184  | 20                    | 5       | 25    | 2,209      |
| Wirework, including wire rope and cable, . . . . .               | 1,842                    | 383     | 2,225  | 170                   | 81      | 251   | 2,476      |
| Wood, turned and carved, . . . . .                               | 1,162                    | 15      | 1,177  | 111                   | 1       | 112   | 1,289      |
| Wooden goods, not elsewhere specified, . . . . .                 | 245                      | 30      | 275    | 10                    | 5       | 15    | 290        |
| Wool scouring, . . . . .   | 670                      | 32      | 702    | 12                    | 5       | 17    | 719        |
| Woolen and worsted goods, . . . . .                              | 27,170                   | 17,376  | 44,546 | 2,289                 | 3,046   | 5,335 | 49,881     |
| All other industries, . . . . .                                  | 18,977                   | 5,395   | 24,372 | 919                   | 831     | 1,750 | 26,122     |

TABLE V. WAGES.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913.

| INDUSTRIES AND SEX.                      | Total Number of Wage-Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
|--|------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|--|
|  |                              | Under \$3   | \$3 but under \$4 | \$4 but under \$5 | \$5 but under \$6 | \$6 but under \$7 | \$7 but under \$8 | \$8 but under \$9 | \$9 but under \$10 | \$10 but under \$11 | \$11 but under \$12 | \$12 but under \$13 | \$13 but under \$14 | \$14 but under \$15 | \$15 but under \$16 | \$16 but under \$18 | \$18 but under \$20 | \$20 but under \$22 | \$22 but under \$25 | \$25 and over |  |
| <b>THE STATE.</b>                        | 668,271                      | 1,148   | 9,891             | 14,189            | 29,740            | 50,053            | 60,536            | 67,878            | 73,541             | 69,979              | 43,024              | 53,126              | 57,091              | 57,358              | 36,783              | 57,645              | 57,979              | 51,181              | 14,988              | 15,598        |  |
| Adults (18 years of age and over):       |                              |   |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
| Males, . . . . .                         | 446,830                      | 177   | 475               | 1,557             | 3,822             | 9,833             | 20,026            | 31,872            | 44,240             | 46,229              | 31,029              | 43,773              | 31,850              | 33,999              | 33,877              | 35,601              | 36,514              | 30,531              | 14,596              | 15,340        |  |
| Females, . . . . .                       | 189,743                      | 438   | 1,207             | 4,763             | 13,270            | 26,780            | 30,268            | 30,924            | 28,719             | 19,618              | 11,692              | 9,096               | 5,083               | 3,268               | 2,847               | 2,015               | 1,441               | 660                 | 390                 | 268           |  |
| Young persons (under 18 years of age),   | 57,398                       | 527   | 2,209             | 7,860             | 12,654            | 14,440            | 9,642             | 5,082             | 2,582              | 1,126               | 603                 | 256                 | 129                 | 74                  | 69                  | 29                  | 18                  | -                   | -                   | -             |  |
| Agricultural Implements.                 | 601                          | -   | -                 | 5                 | 5                 | 3                 | 6                 | 57                | 79                 | 101                 | 66                  | 68                  | 49                  | 38                  | 58                  | 29                  | 16                  | 21                  | 4                   | 7             |  |
| Adults (18 years of age and over):       |                              |   |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
| Males, . . . . .                         | 585                          | -   | -                 | 5                 | 4                 | 2                 | 6                 | 49                | 72                 | 101                 | 56                  | 68                  | 49                  | 38                  | 58                  | 29                  | 16                  | 21                  | 4                   | 7             |  |
| Females, . . . . .                       | -                            | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -             |  |
| Young persons (under 18 years of age),   | 16                           | -   | -                 | -                 | 1                 | -                 | -                 | 8                 | 7                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -             |  |
| Artificial Stone.                        | 515                          | -   | -                 | -                 | -                 | -                 | 2                 | 6                 | 3                  | 8                   | 13                  | 44                  | 69                  | 9                   | 49                  | 13                  | 14                  | 16                  | 47                  | 13            |  |
| Adults (18 years of age and over):       |                              |   |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
| Males, . . . . .                         | 312                          | -   | -                 | -                 | -                 | 2                 | 6                 | 3                 | 8                  | 12                  | 14                  | 44                  | 59                  | 9                   | 49                  | 13                  | 14                  | 16                  | 47                  | 16            |  |
| Females, . . . . .                       | -                            | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -             |  |
| Young persons (under 18 years of age),   | 1                            | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | 1                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -             |  |
| Automobiles, including Bodies and Parts. | 4,257                        | 12  | 5                 | 11                | 30                | 40                | 77                | 90                | 146                | 168                 | 184                 | 448                 | 475                 | 515                 | 540                 | 580                 | 818                 | 505                 | 301                 | 398           |  |
| Adults (18 years of age and over):       |                              |   |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
| Males, . . . . .                         | 4,789                        | 10  | 5                 | 8                 | 13                | 18                | 53                | 72                | 126                | 159                 | 179                 | 430                 | 468                 | 399                 | 538                 | 517                 | 817                 | 502                 | 301                 | 264           |  |
| Females, . . . . .                       | 55                           | -   | -                 | -                 | 1                 | 1                 | 1                 | 2                 | 15                 | 1                   | 5                   | 10                  | 5                   | 4                   | 2                   | 3                   | 1                   | 3                   | -                   | 2             |  |
| Young persons (under 18 years of age),   | 93                           | 2   | -                 | 3                 | 17                | 21                | 23                | 16                | 5                  | 2                   | -                   | 2                   | 2                   | -                   | -                   | -                   | -                   | -                   | -                   | -             |  |



TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.                       | Total<br>Num-<br>ber of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |     |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |
|---|---|---|-----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|
|   |   | Under \$3   |     | \$3 but under \$4 | \$4 but under \$5 | \$5 but under \$6 | \$6 but under \$7 | \$7 but under \$8 | \$8 but under \$9 | \$9 but under \$10 | \$10 but under \$11 | \$11 but under \$12 | \$12 but under \$13 | \$13 but under \$14 | \$14 but under \$15 | \$15 but under \$16 | \$16 but under \$18 | \$18 but under \$20 | \$20 but under \$22 | \$22 but under \$25 | \$25 and over |
|   |   | Un-<br>der<br>\$3   | \$4 | \$5               | \$6               | \$7               | \$8               | \$9               | \$10              | \$11               | \$12                | \$13                | \$14                | \$15                | \$16                | \$18                | \$20                | \$22                | \$25                |                     |               |
| <b>Billiard Tables and Materials.</b>     |   |   |     |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |
| Adults (18 years of age and over):        | 24  | -   | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 1                   | 3                   | -                   | -                   | 6                   | 1                   | 11                  | 2                   | -                   | -                   |               |
| Males, . . . . .                          | 24  | -   | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 1                   | 3                   | -                   | -                   | 6                   | 1                   | 11                  | 2                   | -                   | -                   |               |
| Females, . . . . .                        | -   | -   | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |
| Young persons (under 18 years of age),    | -   | -   | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |
| <b>Blacking.</b>                          |   |   |     |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |
| Adults (18 years of age and over):        | 610   | -   | 4   | 19                | 34                | 63                | 68                | 66                | 33                | 19                 | 65                  | 9                   | 8                   | 34                  | 13                  | 17                  | 16                  | 3                   | 32                  | -                   |               |
| Males, . . . . .                          | 267   | -   | -   | -                 | 9                 | 12                | 9                 | 17                | 19                | 14                 | 53                  | 9                   | 8                   | 33                  | 13                  | 17                  | 15                  | 3                   | 31                  | -                   |               |
| Females, . . . . .                        | 297   | -   | 1   | 18                | 55                | 43                | 44                | 56                | 43                | 5                  | 7                   | -                   | -                   | 1                   | -                   | -                   | -                   | -                   | 1                   | -                   |               |
| Young persons (under 18 years of age),    | 46  | -   | 3   | 1                 | 29                | 6                 | 6                 | 1                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |
| <b>Bookbinding and Blank-Book Making.</b> |   |   |     |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |
| Adults (18 years of age and over):        | 2,747                                       | -   | 10  | 160               | 186               | 266               | 340               | 268               | 301               | 160                | 183                 | 191                 | 73                  | 83                  | 180                 | 148                 | 165                 | 113                 | 75                  | 65                  |               |
| Males, . . . . .                          | 1,265                                       | -   | -   | 9                 | 22                | 38                | 62                | 64                | 86                | 64                 | 51                  | 92                  | 54                  | 70                  | 112                 | 145                 | 164                 | 113                 | 75                  | 55                  |               |
| Females, . . . . .                        | 1,148                                       | -   | 4   | 29                | 73                | 136               | 250               | 195               | 212               | 96                 | 71                  | 39                  | 18                  | 13                  | 8                   | 3                   | 1                   | -                   | -                   | -                   |               |
| Young persons (under 18 years of age),    | 334   | -   | 6   | 112               | 91                | 82                | 28                | 9                 | 4                 | -                  | 1                   | -                   | 1                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |

| Boot and Shoe Out Stock and Findings.  |    | 10,063 | 48  | 118   | 247   | 640   | 969   | 965   | 857   | 998   | 894   | 639   | 916   | 674   | 474   | 609   | 451   | 302   | 874   | 116   | 98    |
|--|----|--------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Adults (18 years of age and over):     |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       |    | 6,490  | 13  | 15    | 49    | 107   | 222   | 354   | 415   | 656   | 712   | 438   | 829   | 539   | 456   | 490   | 420   | 297   | 269   | 113   | 96    |
| Females, . . . . .                     |    | 2,776  | 16  | 55    | 155   | 394   | 557   | 479   | 384   | 310   | 156   | 92    | 84    | 34    | 18    | 19    | 11    | 5     | 5     | 2     | -     |
| Young persons (under 18 years of age): |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 817                                    | 19 | 46     | 143 | 139   | 220   | 122   | 58    | 32    | 26    | 9     | 2     | 1     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| Boots and Shoes.                       |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       |    | 56,520 | 51  | 82    | 180   | 388   | 886   | 1,344 | 1,882 | 2,807 | 3,259 | 2,938 | 4,145 | 3,874 | 3,498 | 5,403 | 5,359 | 6,561 | 4,742 | 3,792 | 4,829 |
| Females, . . . . .                     |    | 29,201 | 53  | 132   | 338   | 356   | 1,897 | 2,490 | 2,998 | 3,817 | 3,654 | 2,638 | 2,953 | 1,967 | 1,477 | 1,406 | 1,122 | 846   | 368   | 164   | 55    |
| Young persons (under 18 years of age): |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 6,828                                  | 99 | 295    | 665 | 1,245 | 1,676 | 1,270 | 595   | 435   | 235   | 105   | 72    | 32    | 20    | 22    | 8     | 4     | -     | -     | -     | -     | -     |
| Boots and Shoes, Rubber.               |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       |    | 4,983  | -   | -     | -     | 3     | 21    | 99    | 127   | 413   | 771   | 660   | 749   | 359   | 240   | 406   | 487   | 340   | 159   | 93    | 51    |
| Females, . . . . .                     |    | 3,282  | -   | -     | -     | 7     | 115   | 240   | 322   | 788   | 956   | 342   | 258   | 108   | 60    | 48    | 17    | 15    | 4     | 2     | -     |
| Young persons (under 18 years of age): |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 382                                    | -  | 5      | 41  | 84    | 113   | 69    | 35    | 26    | 5     | 3     | -     | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Boxes, Cigar.                          |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       |    | 176    | -   | -     | 11    | 11    | 16    | 16    | 26    | 9     | 14    | 6     | 7     | 4     | 1     | 16    | 29    | 7     | 4     | 1     | -     |
| Females, . . . . .                     |    | 73     | -   | -     | -     | -     | -     | 1     | 1     | 1     | 10    | -     | 1     | 1     | 1     | 16    | 29    | 7     | 4     | 1     | -     |
| Young persons (under 18 years of age): |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 23                                     | -  | -      | 6   | 8     | 6     | 2     | 2     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Boxes, Fancy and Paper.                |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       |    | 1,518  | -   | 1     | 7     | 9     | 20    | 46    | 62    | 96    | 187   | 113   | 243   | 146   | 110   | 168   | 92    | 95    | 60    | 29    | 34    |
| Females, . . . . .                     |    | 2,404  | 10  | 37    | 107   | 288   | 349   | 355   | 340   | 322   | 245   | 131   | 94    | 64    | 22    | 26    | 12    | 2     | -     | -     | -     |
| Young persons (under 18 years of age): |    |        |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 745                                    | 6  | 73     | 238 | 190   | 125   | 53    | 24    | 21    | 4     | 9     | -     | 1     | -     | -     | -     | -     | 1     | -     | -     | -     | -     |



[illegible]







TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.                     | Total Number of Wage-Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |
|---|------------------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|   |                              | \$3   | \$4           | \$5           | \$6           | \$7           | \$8           | \$9           | \$10           | \$11           | \$12           | \$13           | \$14           | \$15           | \$16           | \$18           | \$20           | \$22           | \$25           | \$30           |
|   |                              | but under \$3   | but under \$4 | but under \$5 | but under \$6 | but under \$7 | but under \$8 | but under \$9 | but under \$10 | but under \$11 | but under \$12 | but under \$13 | but under \$14 | but under \$15 | but under \$16 | but under \$18 | but under \$20 | but under \$22 | but under \$25 | but under \$30 |
| <b>Clocks.</b>                          |                              |   |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |
| Adults (18 years of age and over):      | 339                          | -   | -             | 4             | 20            | 15            | 13            | 22            | 18             | 10             | 34             | 21             | 9              | 25             | 48             | 39             | 26             | 23             | 12             |                |
| Males, . . . . .                        | 284                          | -   | -             | 1             | 4             | 6             | 4             | 14            | 15             | 8              | 31             | 20             | 8              | 25             | 48             | 39             | 26             | 23             | 12             |                |
| Females, . . . . .                      | 36                           | -   | -             | 1             | 5             | 6             | 6             | 8             | 3              | 2              | 3              | 1              | 1              | -              | -              | -              | -              | -              | -              |                |
| Young persons (under 18 years of age),  | 19                           | -   | -             | 2             | 11            | 3             | 3             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |                |
| <b>Cloth, Sponging and Refinishing.</b> |                              |   |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |
| Adults (18 years of age and over):      | 57                           | -   | -             | 2             | 4             | 5             | 3             | 1             | 6              | 6              | 8              | 2              | 3              | 7              | 5              | 1              | -              | 2              | 3              |                |
| Males, . . . . .                        | 57                           | -   | -             | 2             | 4             | 5             | 3             | 1             | 6              | 6              | 8              | 2              | 3              | 7              | 5              | 1              | -              | 2              | 3              |                |
| Females, . . . . .                      | -                            | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |                |
| Young persons (under 18 years of age),  | -                            | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |                |
| <b>Clothing, Men's.</b>                 |                              |   |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |
| Adults (18 years of age and over):      | 7,222                        | 12  | 78            | 139           | 363           | 670           | 697           | 651           | 616            | 384            | 474            | 347            | 378            | 311            | 391            | 391            | 387            | 238            | 260            |                |
| Males, . . . . .                        | 3,333                        | -   | 1             | 7             | 11            | 60            | 55            | 71            | 93             | 155            | 151            | 310            | 260            | 318            | 281            | 369            | 388            | 322            | 236            | 250            |
| Females, . . . . .                      | 3,642                        | 3   | 65            | 136           | 257           | 473           | 596           | 611           | 524            | 354            | 233            | 161            | 85             | 52             | 30             | 22             | 3              | 5              | 2              | -              |
| Young persons (under 18 years of age),  | 248                          | 9   | 12            | 46            | 60            | 53            | 19            | 15            | 14             | 7              | -              | 3              | 2              | 9              | -              | -              | -              | -              | -              | -              |
| <b>Clothing, Women's.</b>               |                              |   |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |
| Adults (18 years of age and over):      | 7,099                        | 33  | 83            | 228           | 555           | 722           | 763           | 857           | 650            | 614            | 374            | 416            | 173            | 168            | 265            | 215            | 264            | 247            | 164            | 280            |
| Males, . . . . .                        | 1,641                        | -   | -             | 3             | 12            | 25            | 39            | 40            | 44             | 63             | 36             | 96             | 41             | 77             | 134            | 153            | 234            | 229            | 151            | 264            |
| Females, . . . . .                      | 5,079                        | 19  | 39            | 177           | 454           | 621           | 700           | 800           | 582            | 550            | 335            | 320            | 132            | 90             | 121            | 62             | 30             | 18             | 13             | 16             |
| Young persons (under 18 years of age),  | 379                          | 14  | 44            | 106           | 89            | 76            | 24            | 17            | 4              | 1              | 3              | -              | -              | 1              | -              | -              | -              | -              | -              | -              |















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| <b>Emery and Other Abrasive Wheels.</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|















TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.   | Total<br>Num-<br>ber of<br>Wage-<br>Earning | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
|---|---|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----|
|   |   | \$3   | \$4                 | \$5                 | \$6                 | \$7                 | \$8                 | \$9                 | \$10                 | \$11                 | \$12                 | \$13                 | \$14                 | \$15                 | \$16                 | \$18                 | \$20                 | \$22                 | \$25                |    |
|   |   | Un-<br>der<br>\$3   | but<br>under<br>\$4 | but<br>under<br>\$5 | but<br>under<br>\$6 | but<br>under<br>\$7 | but<br>under<br>\$8 | but<br>under<br>\$9 | but<br>under<br>\$10 | but<br>under<br>\$11 | but<br>under<br>\$12 | but<br>under<br>\$13 | but<br>under<br>\$14 | but<br>under<br>\$15 | but<br>under<br>\$16 | but<br>under<br>\$18 | but<br>under<br>\$20 | but<br>under<br>\$22 | and<br>over<br>\$25 |    |
| Iron and Steel, Bolts, Nuts,<br>Washers, and Rivets, not made<br>in Steel Works, or Rolling<br>Mills.                       | 1,598                                       | 4   | 7                   | 5                   | 53                  | 50                  | 286                 | 43                  | 44                   | 38                   | 86                   | 117                  | 149                  | 45                   | 86                   | 117                  | 80                   | 107                  | 36                  | 31 |
|   |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
|   |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
|   |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
|   |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
| Adults (18 years of age and over):  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
| Males, . . . . .  | 984   | 2   | 3                   | 2                   | 18                  | 3                   | 7                   | 23                  | 39                   | 35                   | 86                   | 117                  | 149                  | 45                   | 86                   | 115                  | 80                   | 107                  | 36                  | 31 |
| Females, . . . . .  | 317   | -   | 2                   | -                   | 18                  | 36                  | 240                 | 16                  | 1                    | 2                    | -                    | -                    | -                    | -                    | -                    | 2                    | -                    | -                    | -                   | -  |
| Young persons (under 18 years of age),  | 97  | 2   | 2                   | 3                   | 22                  | 20                  | 39                  | 4                   | 4                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   | -  |
| Iron and Steel Forgings.  | 716   | -   | -                   | -                   | -                   | 8                   | 15                  | 1                   | 73                   | 53                   | 47                   | 63                   | 85                   | 46                   | 47                   | 55                   | 79                   | 47                   | 30                  | 62 |
| Adults (18 years of age and over):  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
| Males, . . . . .  | 693   | -   | -                   | -                   | -                   | 1                   | 3                   | -                   | 70                   | 53                   | 47                   | 63                   | 85                   | 46                   | 47                   | 55                   | 79                   | 47                   | 30                  | 62 |
| Females, . . . . .  | -   | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   | -  |
| Young persons (under 18 years of age),  | 23  | -   | -                   | -                   | -                   | 7                   | 12                  | 1                   | 3                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   | -  |
| Iron and Steel, Nails and Spikes,<br>Cut and Wrought, Including<br>Wire Nails, not made in Steel<br>Works or Rolling Mills. | 1,567                                       | 1   | -                   | 23                  | 67                  | 157                 | 86                  | 161                 | 200                  | 94                   | 85                   | 134                  | 55                   | 13                   | 37                   | 39                   | 44                   | 43                   | 37                  | 76 |
| Adults (18 years of age and over):  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |    |
| Males, . . . . .  | 989   | -   | -                   | 1                   | 4                   | 16                  | 35                  | 124                 | 165                  | 85                   | 83                   | 132                  | 55                   | 13                   | 37                   | 39                   | 44                   | 43                   | 37                  | 76 |
| Females, . . . . .  | 287   | 1   | -                   | 27                  | 40                  | 99                  | 42                  | 34                  | 34                   | 7                    | 2                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   | -  |
| Young persons (under 18 years of age),  | 81  | -   | -                   | -                   | 23                  | 42                  | 9                   | 3                   | 1                    | 2                    | -                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   | -  |

[illegible]

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

| INDUSTRIES AND SEX.   | Total<br>Num-<br>ber of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|--|
|   |   | Un-<br>der<br>\$3   | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$22 | \$22<br>but<br>under<br>\$25 | \$25<br>and<br>Over |  |
|   |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Iron and Steel, Bolts, Nuts,<br>Washers, and Rivets, not made<br>in Steel Works, or Rolling<br>Mills.                       | 1,598                                       | 4   | 7                          | 5                          | 53                         | 59                         | 286                        | 45                         | 44                          | 38                           | 86                           | 117                          | 149                          | 45                           | 88                           | 117                          | 80                           | 107                          | 36                           | 51                  |  |
| Adults (18 years of age and over):  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Males, . . . . .  | 964   | 2   | 3                          | 2                          | 18                         | 3                          | 7                          | 23                         | 39                          | 35                           | 86                           | 117                          | 149                          | 45                           | 86                           | 115                          | 80                           | 107                          | 36                           | 31                  |  |
| Females, . . . . .  | 317   | -   | 2                          | -                          | 18                         | 36                         | 240                        | 16                         | 1                           | 2                            | -                            | -                            | -                            | -                            | -                            | 2                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),  | 97  | 2   | 2                          | 3                          | 23                         | 20                         | 39                         | 4                          | 4                           | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Iron and Steel Forgings.  | 716   | -   | -                          | -                          | -                          | 8                          | 15                         | 1                          | 75                          | 58                           | 47                           | 65                           | 85                           | 46                           | 47                           | 55                           | 79                           | 47                           | 30                           | 68                  |  |
| Adults (18 years of age and over):  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Males, . . . . .  | 693   | -   | -                          | -                          | -                          | 1                          | 3                          | -                          | 70                          | 58                           | 47                           | 63                           | 85                           | 46                           | 47                           | 55                           | 79                           | 47                           | 30                           | 62                  |  |
| Females, . . . . .  | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),  | 23  | -   | -                          | -                          | -                          | 7                          | 12                         | 1                          | 3                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Iron and Steel, Nails and Spikes,<br>Cut and Wrought, Including<br>Wire Nails, not made in Steel<br>Works or Rolling Mills. | 1,567                                       | 1   | -                          | 28                         | 67                         | 157                        | 86                         | 161                        | 200                         | 94                           | 85                           | 124                          | 55                           | 19                           | 57                           | 39                           | 44                           | 45                           | 37                           | 76                  |  |
| Adults (18 years of age and over):  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Males, . . . . .  | 989   | -   | -                          | 1                          | 4                          | 16                         | 35                         | 124                        | 165                         | 85                           | 83                           | 132                          | 55                           | 13                           | 37                           | 39                           | 44                           | 43                           | 37                           | 76                  |  |
| Females, . . . . .  | 287   | 1   | -                          | 27                         | 40                         | 99                         | 42                         | 34                         | 34                          | 7                            | 2                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),  | 81  | -   | -                          | -                          | 23                         | 42                         | 9                          | 3                          | 1                           | 2                            | -                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |

[illegible]

























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[illegible]







|   | 1,486  | -  | -   | 29  | 68    | 281   | 363   | 200   | 173   | 140   | 61    | 84    | 46    | 26    | 30    | 15    | 24    | 7   | 8   | 4   |
|---|--------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| <b>Wood, Turned and Carved.</b>               |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):            |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Males, . . . . .                              | 1,354  | -  | -   | 3   | 26    | 106   | 327   | 192   | 170   | 140   | 60    | 84    | 45    | 25    | 30    | 14    | 24    | 7   | 8   | 4   |
| Females, . . . . .                            | *21    | -  | -   | 3   | 3     | 5     | 5     | 3     | 1     | -     | 1     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| Young persons (under 18 years of age),        | 111    | -  | -   | 23  | 20    | 31    | 21    | 5     | 2     | -     | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| <b>Wooden Goods, not elsewhere Specified.</b> |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):            | 308    | -  | -   | 4   | 8     | 13    | 15    | 27    | 36    | 49    | 50    | 31    | 24    | 6     | 21    | 9     | 24    | 5   | 1   | 3   |
| Males, . . . . .                              | 261    | -  | -   | 1   | 2     | 3     | 7     | 19    | 28    | 47    | 30    | 31    | 24    | 6     | 21    | 9     | 24    | 5   | 1   | 3   |
| Females, . . . . .                            | 31     | -  | -   | -   | 3     | 7     | 6     | 5     | 8     | 2     | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| Young persons (under 18 years of age),        | 14     | -  | -   | 3   | 3     | 3     | 2     | 3     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| <b>Wool Scouring.</b>                         |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):            | 835    | -  | -   | -   | 13    | 33    | 17    | 98    | 309   | 36    | 24    | 98    | 10    | 14    | 94    | 64    | 49    | 10  | 12  | 6   |
| Males, . . . . .                              | 767    | -  | -   | -   | 1     | 1     | 9     | 84    | 209   | 84    | 24    | 96    | 10    | 14    | 94    | 64    | 49    | 10  | 12  | 6   |
| Females, . . . . .                            | 44     | -  | -   | 11  | 27    | 4     | 1     | -     | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| Young persons (under 18 years of age),        | 24     | -  | -   | -   | 1     | 5     | 4     | 13    | -     | 1     | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| <b>Woolen and Worsted Goods.</b>              |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):            | 58,898 | 18 | 56  | 438 | 1,973 | 6,387 | 8,673 | 9,471 | 6,781 | 5,805 | 3,634 | 4,151 | 2,872 | 2,165 | 2,438 | 1,903 | 1,010 | 500 | 255 | 269 |
| Males, . . . . .                              | 31,317 | 2  | 21  | 41  | 141   | 1,104 | 2,427 | 5,075 | 4,183 | 3,224 | 2,438 | 2,943 | 2,194 | 1,738 | 2,067 | 1,749 | 962   | 472 | 232 | 299 |
| Females, . . . . .                            | 20,119 | 2  | 15  | 120 | 623   | 2,990 | 4,472 | 3,714 | 2,246 | 1,856 | 1,209 | 1,155 | 662   | 423   | 361   | 152   | 48    | 26  | 3   | -   |
| Young persons (under 18 years of age),        | 7,260  | 14 | 49  | 332 | 1,209 | 2,724 | 1,774 | 682   | 292   | 95    | 37    | 27    | 16    | 4     | 4     | 1     | -     | -   | -   | -   |
| <b>All Other Industries.</b>                  |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):            | 26,205 | 29 | 122 | 474 | 1,287 | 1,940 | 1,848 | 2,129 | 3,145 | 3,477 | 1,361 | 2,167 | 1,273 | 1,416 | 1,287 | 1,953 | 1,718 | 780 | 576 | 576 |
| Males, . . . . .                              | 20,980 | 6  | 6   | 22  | 94    | 173   | 222   | 1,113 | 2,214 | 3,047 | 1,908 | 2,088 | 1,337 | 1,402 | 1,916 | 1,861 | 1,711 | 719 | 576 | 576 |
| Females, . . . . .                            | 5,532  | 18 | 39  | 122 | 496   | 1,221 | 1,398 | 925   | 885   | 411   | 166   | 77    | 35    | 14    | 12    | 7     | 5     | 1   | -   | -   |
| Young persons (under 18 years of age),        | 1,791  | 5  | 77  | 330 | 447   | 546   | 222   | 91    | 44    | 19    | 7     | 2     | 1     | -     | -     | -     | -     | -   | -   | -   |

TABLE VI. DAYS IN OPERATION.

## A. THE STATE: BY INDUSTRIES.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.   | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|---|--------------------------|-------------------------------------|
| <b>THE STATE.</b>  | <b>8,405</b>             | <b>280.2</b>                        | <b>The State — Con.</b>                                   |                          |                                     |
| Agricultural implements,   | 5                        | 291.0                               | Confectionery,  | 121                      | 290.3                               |
| Artificial stone,  | 28                       | 270.2                               | Cooperage,  | 36                       | 232.8                               |
| Automobiles, including bodies and parts,                                     | 57                       | 291.3                               | Copper, tin, and sheet-iron products,                     | 122                      | 297.2                               |
| Awnings, tents, and sails,   | 48                       | 289.7                               | Cordage and twine,  | 13                       | 296.8                               |
| Baskets, and rattan and willow ware,   | 14                       | 260.7                               | Cordials and sirups,                                      | 7                        | 295.9                               |
| Belting and hose, leather,   | 15                       | 303.6                               | Corsets,  | 11                       | 285.1                               |
| Belting and hose, woven,   | 6                        | 296.3                               | Cotton goods,   | 167                      | 289.5                               |
| Bicycles, motorcycles, and parts,  | 6                        | 76.8                                | Cotton small wares,                                       | 23                       | 284.1                               |
| Billiard tables and materials,   | 4                        | 305.0                               | Cutlery and tools, not elsewhere specified,               | 137                      | 291.8                               |
| Blacking,  | 50                       | 295.2                               | Dairymen's, poulterers', and apiarists' supplies,         | 4                        | 296.8                               |
| Bookbinding and blank-book making,   | 57                       | 301.8                               | Dentists' materials,                                      | 8                        | 295.4                               |
| Boot and shoe cut stock and findings,  | 375                      | 295.4                               | Dyeing and finishing textiles,                            | 49                       | 289.5                               |
| Boots and shoes,   | 453                      | 288.3                               | Dyestuffs and extracts,                                   | 14                       | 305.1                               |
| Boots and shoes, rubber,   | 8                        | 278.5                               | Electrical machinery, apparatus, and supplies,            | 80                       | 298.2                               |
| Boxes, cigar,  | 4                        | 298.0                               | Electroplating,   | 41                       | 296.5                               |
| Boxes, fancy and paper,  | 95                       | 298.0                               | Emery and other abrasive wheels,                          | 11                       | 288.0                               |
| Boxes, wooden packing,   | 99                       | 282.0                               | Enameling and japanning,                                  | 11                       | 293.5                               |
| Brass and bronze products,   | 69                       | 296.2                               | Engraving and die sinking,                                | 21                       | 285.5                               |
| Bread and other bakery products,   | 804                      | 300.9                               | Envelopes,  | 11                       | 301.5                               |
| Brick and tile,  | 45                       | 168.2                               | Fancy articles, not elsewhere specified,                  | 18                       | 300.8                               |
| Brooms,  | 23                       | 270.7                               | Felt goods,   | 13                       | 272.7                               |
| Brushes,   | 27                       | 263.8                               | Firearms,   | 6                        | 291.0                               |
| Butter,  | 16                       | 268.2                               | Flavoring extracts,                                       | 13                       | 304.5                               |
| Buttons,   | 11                       | 275.1                               | Flour-mill and gristmill products,                        | 70                       | 272.4                               |
| Canning and preserving,  | 55                       | 273.8                               | Food preparations,  | 31                       | 244.4                               |
| Card cutting and designing,  | 4                        | 302.8                               | Foundry and machine-shop products,                        | 623                      | 296.7                               |
| Carpets and rugs, other than rag,  | 11                       | 289.3                               | Fur goods,  | 11                       | 291.0                               |
| Carpets, rag,  | 17                       | 279.8                               | Furnishing goods, men's,                                  | 15                       | 280.4                               |
| Carriages and sleds, children's,   | 5                        | 289.6                               | Furniture,  | 116                      | 296.3                               |
| Carriages and wagons and materials,  | 89                       | 302.9                               | Galvanising,  | 3                        | 292.3                               |
| Cars and general shop construction and repairs by steam-rail-road companies, | 22                       | 312.7                               | Gas and electric fixtures,                                | 11                       | 292.0                               |
| Chemicals,   | 21                       | 306.0                               | Glass, cutting, staining, and ornamenting,                | 25                       | 291.8                               |
| Cleansing and polishing preparations,  | 15                       | 291.8                               | Glue,   | 9                        | 256.4                               |
| Clocks,  | 9                        | 293.8                               | Gold and silver, leaf and foil,                           | 11                       | 291.1                               |
| Cloth, sponging and re-finish-ing,   | 4                        | 299.0                               | Gold and silver, reducing and refining, not from the ore, | 7                        | 303.3                               |
| Clothing, men's,   | 206                      | 264.7                               | Grease and tallow,  | 34                       | 291.2                               |
| Clothing, women's,   | 184                      | 281.7                               | Hand-knit goods,  | 7                        | 281.5                               |
| Coffee and spice, roast-ing and grinding,                                    | 16                       | 303.1                               | Hand stamps and stencils and brands,                      | 25                       | 305.0                               |
| Coffins, burial cases, and undertakers' goods,                               | 12                       | 298.6                               | Hardware,   | 40                       | 297.5                               |
| Combs and hairpins,  | 35                       | 284.4                               | Hats and caps, other than felt, straw, and wool,          | 30                       | 278.7                               |
|  |                          |                                     | Hats, felt,   | 11                       | 261.6                               |
|  |                          |                                     | Hats, straw,  | 20                       | 272.4                               |

TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>  |                          |                                     | <b>The State — Con.</b>  |                          |                                     |
| Hosiery and knit goods,  | 65                       | 283.8                               | Paints and varnishes,  | 34                       | 288.1                               |
| House-furnishing goods, not elsewhere specified,   | 26                       | 296.9                               | Paper and wood pulp,   | 88                       | 279.6                               |
| Instruments, professional and scientific,  | 22                       | 284.3                               | Paper goods not elsewhere specified,                               | 47                       | 284.5                               |
| Iron and steel, steel works and rolling mills,   | 7                        | 291.8                               | Patent medicines and compounds and druggists' preparations,        | 75                       | 296.8                               |
| Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,                        | 9                        | 299.9                               | Photo-engraving,   | 12                       | 302.4                               |
| Iron and steel forgings,   | 11                       | 290.2                               | Plumbers' supplies,  | 19                       | 299.7                               |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, | 23                       | 291.1                               | Pocketbooks,   | 6                        | 295.0                               |
| Ivory, shell, and bone work, not including combs and hairpins,   | 3                        | 279.6                               | Pottery, terra-cotta, and fire-clay products,                      | 15                       | 287.9                               |
| Jewelry,   | 160                      | 281.5                               | Printing and publishing, Refrigerators,                            | 131                      | 301.4                               |
| Jewelry and instrument cases,  | 12                       | 300.2                               | Regalia and society badges and emblems,                            | 11                       | 292.6                               |
| Kaolin and ground earthen,   | 6                        | 303.3                               | Rubber goods, not elsewhere specified,                             | 4                        | 302.8                               |
| Labels and tags,   | 4                        | 305.0                               | Saddlery and harness,  | 36                       | 289.7                               |
| Lamps and reflectors,  | 6                        | 277.1                               |  | 38                       | 296.6                               |
| Lasts,   | 34                       | 288.5                               | Sausage, not made in slaughtering and meat-packing establishments, | 46                       | 296.4                               |
| Leather goods, not elsewhere specified,  | 44                       | 285.3                               | Scales and balances,   | 2                        | 282.0                               |
| Leather, tanned, curried, and finished,  | 127                      | 276.3                               | Screws, machine,   | 16                       | 283.8                               |
| Lime,  | 8                        | 306.2                               | Shipbuilding, wooden, including boat building,                     | 51                       | 273.1                               |
| Linen goods,   | 8                        | 271.6                               | Shirts,  | 13                       | 277.1                               |
| Liquors, distilled,  | 6                        | 291.4                               | Shoddy,  | 25                       | 265.8                               |
| Liquors, malt,   | 32                       | 303.6                               | Showcases,   | 11                       | 302.3                               |
| Looking-glass and picture frames,  | 20                       | 302.9                               | Signs and advertising novelties,                                   | 11                       | 284.6                               |
| Lumber and timber products,  | 28                       | 222.0                               | Silk and silk goods, including throwsters,                         | 16                       | 295.9                               |
| Lumber, planing-mill products,   | 165                      | 295.8                               | Silverware and plated ware,  | 19                       | 286.2                               |
| Marble and stone work,   | 103                      | 262.8                               | Slaughtering and meat packing,                                     | 38                       | 254.1                               |
| Mattresses and spring beds,  | 41                       | 300.5                               | Soap,  | 39                       | 300.0                               |
| Millinery and lace goods,  | 67                       | 298.1                               | Sporting and athletic goods,                                       | 16                       | 302.6                               |
| Mineral and soda waters,   | 91                       | 288.3                               | Stationery goods, not elsewhere specified,                         | 19                       | 299.5                               |
| Mirrors,   | 6                        | 301.1                               | Statuary and art goods,  | 10                       | 302.2                               |
| Models and patterns, not including paper patterns,   | 60                       | 298.4                               | Steam fittings and heating apparatus,                              | 29                       | 283.2                               |
| Monuments and tombstones,  | 155                      | 284.2                               | Steam packing,   | 10                       | 292.1                               |
| Mucilage and paste,  | 14                       | 300.2                               | Stereotyping and electrotyping,                                    | 13                       | 304.4                               |
| Musical instruments and materials, not specified,  | 14                       | 300.3                               | Stoves and furnaces, not including gas and oil stoves,             | 14                       | 270.0                               |
| Musical instruments, piano, and organs, and materials,   | 50                       | 295.8                               | Structural ironwork,   | 49                       | 296.8                               |
| Oil, not elsewhere specified,  | 16                       | 300.3                               | Surgical appliances,   | 12                       | 295.0                               |
| Optical goods,   | 10                       | 296.9                               | Suspenders, garters, and elastic woven goods,                      | 31                       | 286.4                               |
|  |                          |                                     | Tobacco manufactures,  | 315                      | 287.5                               |
|  |                          |                                     | Toys and games,  | 11                       | 282.1                               |
|  |                          |                                     | Trunks and valises,  | 19                       | 296.0                               |
|  |                          |                                     | Type founding and printing materials,                              | 8                        | 271.2                               |



TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Concluded.

| INDUSTRIES.                   | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.                                | Number of Establishments | Average Number of Days in Operation |
|-------------------------------|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>       |                          |                                     | <b>The State — Con.</b>                    |                          |                                     |
| Upholstering materials, .     | 3                        | 305.0                               | Wirework, including wire rope and cable, . | 31                       | 294.3                               |
| Vinegar and cider, .          | 13                       | 253.5                               | Wood, turned and carved, .                 | 47                       | 290.3                               |
| Waste, .                      | 9                        | 291.1                               | Wooden goods, not elsewhere specified, .   | 26                       | 276.9                               |
| Watch and clock materials, .  | 6                        | 273.8                               | Wool scouring, .                           | 11                       | 286.4                               |
| Whips, .                      | 22                       | 291.5                               | Woolen and worsted goods, .                | 166                      | 283.2                               |
| Window shades and fixtures, . | 8                        | 300.6                               | All other industries, .                    | 153                      | 291.2                               |
| Wire, .                       | 7                        | 303.2                               |  |                          |                                     |

## B. THE STATE: BY CITIES AND TOWNS.

| CITIES AND TOWNS. | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.       | Number of Establishments | Average Number of Days in Operation |
|-------------------|--------------------------|-------------------------------------|-------------------------|--------------------------|-------------------------------------|
| <b>THE STATE.</b> | <b>8,405</b>             | <b>289.2</b>                        | <b>The State — Con.</b> |                          |                                     |
| Abington, .       | 12                       | 290.8                               | Douglas, .              | 4                        | 296.0                               |
| Acton, .          | 15                       | 262.8                               | Dudley, .               | 9                        | 291.8                               |
| Adams, .          | 28                       | 292.4                               | Easthampton, .          | 15                       | 273.6                               |
| Agawam, .         | 3                        | 292.3                               | Easton, .               | 6                        | 295.2                               |
| Amesbury, .       | 43                       | 286.0                               | Erving, .               | 4                        | 297.8                               |
| Amherst, .        | 16                       | 283.3                               | Essex, .                | 3                        | 289.7                               |
| Andover, .        | 10                       | 274.9                               | EVERETT, .              | 53                       | 290.9                               |
| Arlington, .      | 13                       | 283.5                               | FALL RIVER, .           | 227                      | 293.2                               |
| Ashburnham, .     | 9                        | 283.1                               | FRITCHBURG, .           | 114                      | 289.0                               |
| Athol, .          | 29                       | 292.4                               | Foxborough, .           | 11                       | 253.7                               |
| Attleborough, .   | 136                      | 284.8                               | Frammingham, .          | 37                       | 279.6                               |
| Auburn, .         | 4                        | 280.3                               | Franklin, .             | 24                       | 284.0                               |
| Ayer, .           | 11                       | 293.5                               | Gardner, .              | 53                       | 275.9                               |
| Barnstable, .     | 4                        | 239.8                               | Georgetown, .           | 6                        | 233.7                               |
| Barre, .          | 8                        | 296.3                               | GLOUCESTER, .           | 78                       | 291.0                               |
| Becket, .         | 6                        | 292.8                               | Grafton, .              | 12                       | 298.1                               |
| BEVERLY, .        | 44                       | 291.6                               | Great Barrington, .     | 13                       | 302.0                               |
| Billerica, .      | 6                        | 260.0                               | Greenfield, .           | 33                       | 288.6                               |
| Boston, .         | 2,104                    | 292.2                               | Groton, .               | 5                        | 301.4                               |
| Braintree, .      | 16                       | 278.1                               | Hanover, .              | 4                        | 297.8                               |
| Bridgewater, .    | 14                       | 251.6                               | HAVERHILL, .            | 316                      | 296.2                               |
| BROCKTON, .       | 184                      | 291.0                               | Hingham, .              | 6                        | 257.7                               |
| Brookfield, .     | 3                        | 304.0                               | HOLYOKE, .              | 133                      | 293.2                               |
| Brookline, .      | 10                       | 304.8                               | Hudson, .               | 28                       | 282.2                               |
| CAMBRIDGE, .      | 243                      | 293.9                               | Kingston, .             | 5                        | 294.5                               |
| Canton, .         | 15                       | 275.4                               | LAWRENCE, .             | 135                      | 292.7                               |
| Chelmsford, .     | 11                       | 270.6                               | Lee, .                  | 13                       | 271.8                               |
| CHELSEA, .        | 96                       | 287.0                               | Leicester, .            | 10                       | 302.2                               |
| Chester, .        | 5                        | 305.0                               | Leominster, .           | 70                       | 282.5                               |
| CHICOPPEE, .      | 40                       | 276.8                               | Lexington, .            | 5                        | 285.3                               |
| Clinton, .        | 25                       | 285.0                               | LOWELL, .               | 234                      | 290.3                               |
| Concord, .        | 8                        | 283.8                               | LYNN, .                 | 365                      | 292.8                               |
| Dalton, .         | 9                        | 296.4                               | MALDEN, .               | 63                       | 289.9                               |
| Danvers, .        | 24                       | 258.1                               | Manchester, .           | 5                        | 294.4                               |
| Dedham, .         | 10                       | 304.0                               | Mansfield, .            | 20                       | 274.3                               |
| Deerfield, .      | 7                        | 261.4                               | Marblehead, .           | 22                       | 279.0                               |
| Dighton, .        | 6                        | 295.8                               | MARLBOROUGH, .          | 38                       | 284.6                               |
|                   |                          |                                     | MEDFORD, .              | 28                       | 289.4                               |

TABLE VI. DAYS IN OPERATION — Concluded.

## B. THE STATE: BY CITIES AND TOWNS — Concluded.

| CITIES AND TOWNS.             | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.           | Number of Establishments | Average Number of Days in Operation |
|-------------------------------|--------------------------|-------------------------------------|-----------------------------|--------------------------|-------------------------------------|
| <b>The State — Con.</b>       |                          |                                     | <b>The State — Con.</b>     |                          |                                     |
| Medway, . . . . .             | 10                       | 272.8                               | SALEM, . . . . .            | 151                      | 285.1                               |
| Melrose, . . . . .            | 16                       | 284.4                               | Shelburne, . . . . .        | 3                        | 299.3                               |
| Merrimac, . . . . .           | 7                        | 290.6                               | Shirley, . . . . .          | 8                        | 231.3                               |
| Methuen, . . . . .            | 19                       | 271.1                               | SOMERVILLE, . . . . .       | 93                       | 297.5                               |
| Middleborough, . . . . .      | 17                       | 282.6                               | Southbridge, . . . . .      | 23                       | 297.7                               |
| Milford, . . . . .            | 39                       | 285.7                               | South Hadley, . . . . .     | 12                       | 288.3                               |
| Milbury, . . . . .            | 25                       | 297.7                               | Spencer, . . . . .          | 12                       | 276.9                               |
| Milton, . . . . .             | 4                        | 250.0                               | SPRINGFIELD, . . . . .      | 245                      | 292.4                               |
| Monson, . . . . .             | 7                        | 294.4                               | Stoneham, . . . . .         | 18                       | 287.9                               |
| Montague, . . . . .           | 16                       | 280.8                               | Stoughton, . . . . .        | 16                       | 293.1                               |
| Natick, . . . . .             | 32                       | 283.8                               | Swampscott, . . . . .       | 3                        | 296.7                               |
| Needham, . . . . .            | 19                       | 292.1                               | TAUNTON, . . . . .          | 94                       | 289.9                               |
| NEW BEDFORD, . . . . .        | 170                      | 295.6                               | Templeton, . . . . .        | 16                       | 266.7                               |
| NEWBURYPORT, . . . . .        | 49                       | 292.6                               | Townsend, . . . . .         | 6                        | 282.3                               |
| NEWTON, . . . . .             | 37                       | 292.5                               | Uxbridge, . . . . .         | 10                       | 296.8                               |
| NORTH ADAMS, . . . . .        | 50                       | 299.6                               | Wakefield, . . . . .        | 17                       | 298.6                               |
| NORTHAMPTON, . . . . .        | 50                       | 283.4                               | Walpole, . . . . .          | 11                       | 300.7                               |
| North Andover, . . . . .      | 7                        | 293.0                               | WALTHAM, . . . . .          | 64                       | 292.3                               |
| North Attleborough, . . . . . | 59                       | 273.4                               | Ware, . . . . .             | 13                       | 297.5                               |
| Northborough, . . . . .       | 4                        | 305.0                               | Wareham, . . . . .          | 9                        | 286.7                               |
| Northbridge, . . . . .        | 10                       | 300.5                               | Warren, . . . . .           | 9                        | 286.2                               |
| North Brookfield, . . . . .   | 7                        | 296.9                               | Watertown, . . . . .        | 13                       | 295.0                               |
| North Reading, . . . . .      | 5                        | 305.0                               | Wellesley, . . . . .        | 4                        | 300.0                               |
| Norton, . . . . .             | 7                        | 273.3                               | Westborough, . . . . .      | 10                       | 289.9                               |
| Norwood, . . . . .            | 15                       | 292.1                               | Westfield, . . . . .        | 70                       | 293.9                               |
| Orange, . . . . .             | 19                       | 278.9                               | Westford, . . . . .         | 13                       | 212.5                               |
| Oxford, . . . . .             | 8                        | 290.0                               | West Springfield, . . . . . | 13                       | 274.8                               |
| Palmer, . . . . .             | 12                       | 292.2                               | West Stockbridge, . . . . . | 5                        | 311.6                               |
| Peabody, . . . . .            | 69                       | 286.8                               | Weymouth, . . . . .         | 29                       | 288.8                               |
| Pepperell, . . . . .          | 8                        | 295.2                               | Whitman, . . . . .          | 15                       | 291.9                               |
| PITTSFIELD, . . . . .         | 55                       | 286.8                               | Williamsburg, . . . . .     | 10                       | 295.2                               |
| Plainville, . . . . .         | 7                        | 291.0                               | Winchendon, . . . . .       | 22                       | 298.1                               |
| Plymouth, . . . . .           | 22                       | 284.3                               | Winchester, . . . . .       | 17                       | 277.7                               |
| QUINCY, . . . . .             | 157                      | 286.1                               | Winthrop, . . . . .         | 3                        | 320.3                               |
| Randolph, . . . . .           | 6                        | 294.5                               | Woburn, . . . . .           | 45                       | 294.9                               |
| Reading, . . . . .            | 17                       | 286.4                               | WORCESTER, . . . . .        | 448                      | 294.2                               |
| Revere, . . . . .             | 5                        | 302.8                               | Other towns, . . . . .      | 323                      | 278.0                               |
| Rockland, . . . . .           | 15                       | 293.2                               |                             |                          |                                     |
| Rockport, . . . . .           | 11                       | 248.3                               |                             |                          |                                     |
| Rowley, . . . . .             | 6                        | 289.5                               |                             |                          |                                     |



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**The Commonwealth of Massachusetts**

**BUREAU OF STATISTICS**

**CHARLES F. GETTEMY, Director**

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**TWENTY-NINTH ANNUAL REPORT**

ON THE

**STATISTICS OF MANUFACTURES**

FOR THE YEAR

**1914**



**BOSTON**  
**WRIGHT & POTTER PRINTING COMPANY**  
**STATE PRINTERS**  
**1916**

# ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

APPROVED BY THE STATE BOARD OF PUBLICATION.

**The Commonwealth of Massachusetts**

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**TWENTY-NINTH ANNUAL REPORT**

ON THE

**STATISTICS OF MANUFACTURES**

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BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.

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BOSTON  
WRIGHT & POTTER PRINTING COMPANY  
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1916

# **The Commonwealth of Massachusetts**

## **BUREAU OF STATISTICS**

**CHARLES F. GETTEMY, Director**

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### **EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."**

**SECTION 1.** There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

**SECTION 4.** The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

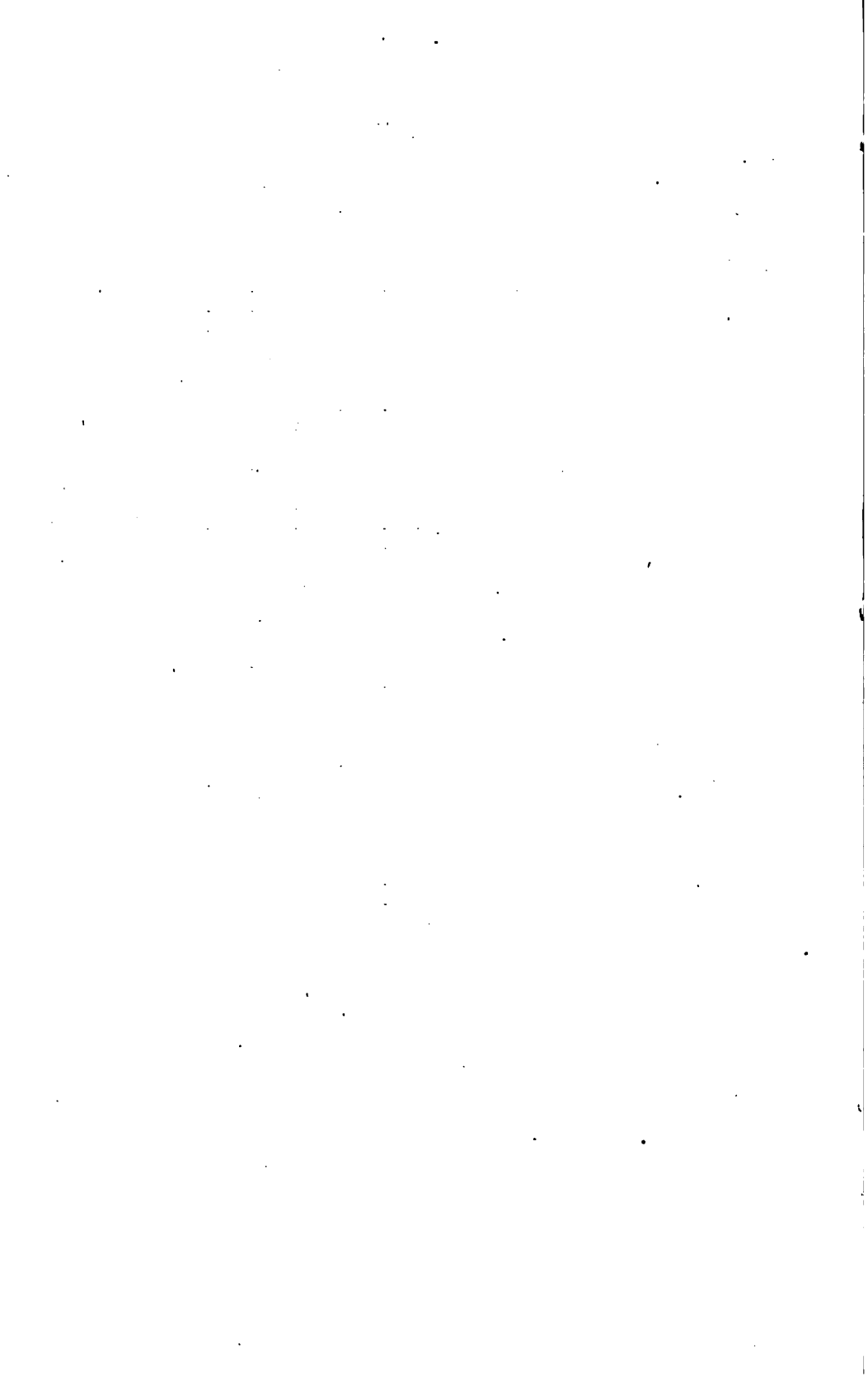
- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

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# STATISTICS OF MANUFACTURES—1914.

## INTRODUCTION.

The data for the 29th Annual Report on the Statistics of Manufactures, covering the year 1914 are derived from the returns from 12,013 establishments, a complete canvass of the State being made and, as in other Census years, its scope being extended to include not only the Gas (illuminating and heating) industry and the complete industries of Printing and Publishing; and Lumber and Timber products, but also all manufacturing establishments having products of \$500 and over. These industries and the relatively smaller establishments<sup>1</sup> are ordinarily omitted from the regular canvass during the intercensal years, not only on account of the expense involved in collecting them, but also because of the necessity of publishing the returns within a twelve-months' period.

These returns show the total value of the manufactured product of Massachusetts for the year 1914 to be \$1,641,373,047, an increase as compared with the Census taken five years previously, — as of the year ending December, 1909, when the figure stood at \$1,490,529,386, — of \$150,843,661, or 10.1 per cent, — or an average gain of a little over two per cent per year. But, if the 1914 figures be compared with those of the immediately preceding year, 1913, when the total was \$1,658,728,363, notwithstanding the canvass was more restricted, it is significant that an absolute decline of \$17,355,316 appears. Thus, it is obvious, in spite of a record of 10.1 per cent increase in the product value of Massachusetts manufactures shown by the census figures of 1914 in comparison

<sup>1</sup> These smaller establishments having product values ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments included in a Census (23.6 per cent) represent less than one-half of one per cent of the aggregate product value for All Industries. [13th Census of the United States, Vol. IX, page 507.]

with the Census of 1909, that conditions in our industries as a whole were considerably below normal in 1914, — the rate of increase, not only in value of product, but in the other factors taken into account in the returns, falling far below the average at any time for nearly a score of years, as appears from an examination of the following summary of the census figures since 1895: —

| CENSUS YEAR.                         | Value of Product | Increase      | Per Cent of Increase | Average Per Cent of Increase Per Year |
|--------------------------------------|------------------|---------------|----------------------|---------------------------------------|
| 1895, . . . . .                      | \$734,652,123    | —             | —                    | —                                     |
| 1899, . . . . .                      | 907,626,439      | \$173,974,307 | 23.5                 | 5.9                                   |
| 1904, . . . . .                      | 1,124,092,051    | 216,465,612   | 23.8                 | 4.8                                   |
| 1909, . . . . .                      | 1,490,529,386    | 366,437,335   | 32.6                 | 6.5                                   |
| 1914, . . . . .                      | 1,641,373,047    | 150,843,661   | 10.1                 | 2.0                                   |
| Increase for the 19-year period, . . | —                | 906,720,915   | 123.4                | 6.5                                   |

| CENSUS YEAR.                         | Value of Stock and Materials | Increase     | Per Cent of Increase | Average Per Cent of Increase Per Year |
|--------------------------------------|------------------------------|--------------|----------------------|---------------------------------------|
| 1895, . . . . .                      | \$406,026,602                | —            | —                    | —                                     |
| 1899, . . . . .                      | 498,655,033                  | \$92,628,341 | 22.8                 | 5.7                                   |
| 1904, . . . . .                      | 626,410,431                  | 127,755,398  | 25.6                 | 5.1                                   |
| 1909, . . . . .                      | 830,764,943                  | 204,354,512  | 32.6                 | 6.5                                   |
| 1914, . . . . .                      | 931,383,793                  | 100,618,850  | 12.1                 | 2.4                                   |
| Increase for the 19-year period, . . | —                            | 525,357,101  | 129.4                | 6.8                                   |

| CENSUS YEAR.                         | Amount Paid in Wages | Increase     | Per Cent of Increase | Average Per Cent of Increase Per Year |
|--------------------------------------|----------------------|--------------|----------------------|---------------------------------------|
| 1895, . . . . .                      | \$166,723,992        | —            | —                    | —                                     |
| 1899, . . . . .                      | 196,378,276          | \$28,654,284 | 17.1                 | 4.3                                   |
| 1904, . . . . .                      | 232,388,946          | 37,110,670   | 19.0                 | 3.8                                   |
| 1909, . . . . .                      | 301,173,464          | 68,784,518   | 29.6                 | 5.9                                   |
| 1914, . . . . .                      | 341,309,517          | 40,136,053   | 13.3                 | 2.7                                   |
| Increase for the 19-year period, . . | —                    | 174,585,325  | 104.7                | 5.5                                   |

| CENSUS YEAR.                         | Average<br>Number of<br>Wage Earners | Increase | Per Cent<br>of Increase | Average<br>Per Cent of<br>Increase<br>Per Year |
|--------------------------------------|--------------------------------------|----------|-------------------------|--|
| 1895, . . . . .                      | 332,563                              | -        | -                       | -  |
| 1899, . . . . .                      | 438,324                              | 55,671   | 14.6                    | 3.7  |
| 1904, . . . . .                      | 488,399                              | 50,165   | 11.4                    | 2.3  |
| 1909, . . . . .                      | 584,559                              | 96,160   | 19.7                    | 3.9  |
| 1914, . . . . .                      | 606,698                              | 22,139   | 3.8                     | 0.8  |
| Increase for the 19-year period, . . | -                                    | 224,125  | 58.6                    | 3.1  |

| CENSUS YEAR.                         | Number<br>of Establish-<br>ments | Increase         | Per Cent<br>of Increase | Average<br>Per Cent of<br>Increase<br>Per Year |
|--------------------------------------|----------------------------------|------------------|-------------------------|--|
| 1895, . . . . .                      | 8,602                            | -                | -                       | -  |
| 1899, . . . . .                      | 10,929                           | 2,327            | 25.7                    | 6.4  |
| 1904, . . . . .                      | 10,723                           | 206 <sup>1</sup> | -1                      | -1   |
| 1909, . . . . .                      | 11,684                           | 961              | 9.0                     | 1.8  |
| 1914, . . . . .                      | 12,013                           | 329              | 2.8                     | 0.6  |
| Increase for the 19-year period, . . | -                                | 3,821            | 38.2                    | 2.0  |

<sup>1</sup> Decrease.

It is of interest to note in examining these figures that although for each census year under review up to 1914, the value of manufactured product increased at a more rapid rate than the amount paid in wages, the relationship between the two is reversed for the period 1909-1914, and that while the value of product increased only 10.1 per cent, the amount of wages paid increased 13.3 per cent; although there was an increase during the same period in the average number of wage earners of only 3.8 per cent. For the entire 19-year period, there was an increase in value of product of 123.4 per cent, while the increase in the amount of wages paid was 104.7 per cent, and the increase in the average number of wage earners employed was 58.6 per cent; the percentage of increase in the aggregate amount paid in wages being thus almost twice the percentage of increase in the number of wage earners. The figures for the several factors taken into account for the several census years since 1895 indicate a degree of

progress such as, indeed, might reasonably be expected to occur at each five-year period, but, as above pointed out, there was a marked drop in the *rate* of increase during the period between 1909 and 1914, and an absolute decline between the last two years of that period as appears from the following table:

**All Industries.**

|                                     | 1914            | 1913            |
|-------------------------------------|-----------------|-----------------|
| Value of product, . . . . .         | \$1,041,373,047 | \$1,058,728,363 |
| Stock and materials used, . . . . . | \$931,383,798   | \$961,778,476   |
| Wages paid, . . . . .               | \$341,309,517   | \$351,299,706   |
| Wage-earners, . . . . .             | 606,698         | 616,927         |

The comparison between the figures of 1913 and 1914 is not less interesting and illuminating when applied in detail to our principal industries. We find, for example, that in 1913 we had already gone considerably beyond the \$200,000,000 mark in the product value of Boots and shoes, the total in that year being approximately \$217,000,000 — but it dropped in 1914 to a little over \$200,500,000; that in Cotton goods a level of \$211,985,000 in product value was recorded in 1913 which dropped in 1914 to \$197,322,000; that the output in Foundries and machine-shops fell off in 1914 from the 1913 figures by over \$5,000,000; that the product of the Slaughtering and meat packing industry in 1913 exceeded the returns for 1914 by more than four millions; that Leather, tanned, curried, and finished, in 1914, fell back nearly a million and a half from the 1913 mark; that Electrical machinery, apparatus, and supplies, lost in product value upwards of ten millions of dollars; that there was a perceptible decline in the work done by establishments engaged in the dyeing and finishing of textiles; that upwards of \$2,000,000 was lost in Jewelry; and that retrogression appears in Men's clothing, Furniture and refrigerators, and in Cutlery and tools. To put it briefly, there were only five out of 23 of the important industries in the State whose output in 1914 came up to the level of 1913.

Of the increases in product value in 1914 over 1913, by far the most pronounced was that in the Woolen and worsted

goods industry, which between the Censuses of 1904 and 1909 had shown an increase in product value of from approximately \$100,000,000 to \$140,665,000, or over 41 per cent, but which fell back in 1913 to \$122,495,000, a decline from the census figure of 1909 of 13 per cent. In December, 1913, however, this industry entered upon a new phase, and the partial recovery shown in 1914, amounting to over seven and one-half millions of dollars and which brought the total back to \$130,348,514 is probably attributable to the steadying influence of more settled conditions in this industry, in the place of the suspense and uncertainty which had existed for several years. The figures for the last two census periods for the leading industries and also separate comparisons for the years 1914 and 1913 are shown in the following tables:—

**COMPARISON OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE CENSUS  
YEARS 1914, 1909, AND 1904.**

| INDUSTRIES.   | VALUE OF PRODUCT  |                   |               |
|---|-------------------|-------------------|---------------|
|   | 1914              | 1909              | 1904          |
| Boots and shoes, . . . . .                                | \$200,529,858     | \$187,045,767     | \$144,291,426 |
| Per cent of increase over the preceding five years, . . . | 7.2               | 19.6              | -             |
| Boot and shoe out stock and findings, . . . . .           | 54,658,155        | 49,297,148        | 29,388,202    |
| Per cent of increase over the preceding five years, . . . | 10.9              | 67.7              | -             |
| Cotton goods, including cotton small wares, . . . . .     | 197,322,111       | 186,462,213       | 130,068,983   |
| Per cent of increase over the preceding five years, . . . | 8.8               | 45.4              | -             |
| Woolen, worsted, and felt goods, . . . . .                | 130,348,514       | 140,665,084       | 99,312,896    |
| Per cent of increase over the preceding five years, . . . | 7.3 <sup>1</sup>  | 41.6              | -             |
| Foundry and machine-shop products, . . . . .              | 85,638,612        | 86,935,671        | 63,750,411    |
| Per cent of increase over the preceding five years, . . . | 0.3 <sup>1</sup>  | 36.4              | -             |
| Printing and publishing, . . . . .                        | 54,195,811        | 47,445,906        | 39,274,014    |
| Per cent of increase over the preceding five years, . . . | 18.4              | 20.8              | -             |
| Slaughtering and meat packing, <sup>2</sup> . . . . .     | 54,446,687        | 44,402,972        | 38,012,208    |
| Per cent of increase over the preceding five years, . . . | 23.0              | 16.8              | -             |
| Leather, tanned, curried, and finished, . . . . .         | 45,265,434        | 40,002,079        | 33,352,999    |
| Per cent of increase over the preceding five years, . . . | 13.8              | 19.9              | -             |
| Electrical machinery, apparatus, and supplies, . . . . .  | 43,869,294        | 28,142,889        | 15,882,216    |
| Per cent of increase over the preceding five years, . . . | 55.9              | 77.2              | -             |
| Paper and wood pulp, . . . . .                            | 43,352,545        | 40,096,713        | 32,012,347    |
| Per cent of increase over the preceding five years, . . . | 8.1               | 25.3              | -             |
| Bread and other bakery products, . . . . .                | 33,309,051        | 26,146,044        | 18,659,708    |
| Per cent of increase over the preceding five years, . . . | 27.4              | 40.1              | -             |
| Boots and shoes, rubber, . . . . .                        | 23,788,788        | 18,722,363        | 39,034,549    |
| Per cent of increase over the preceding five years, . . . | 27.1              | 52.0 <sup>1</sup> | -             |
| Dyeing and finishing textiles, . . . . .                  | 22,455,060        | 21,892,890        | 11,048,512    |
| Per cent of increase over the preceding five years, . . . | 2.6               | 28.2              | -             |
| Confectionery, . . . . .                                  | 20,130,823        | 15,266,453        | 9,317,996     |
| Per cent of increase over the preceding five years, . . . | 31.9              | 63.8              | -             |
| Clothing, men's, including shirts, . . . . .              | 19,613,767        | 18,313,783        | 14,912,917    |
| Per cent of increase over the preceding five years, . . . | 7.1               | 22.8              | -             |
| Hosiery and knit goods, . . . . .                         | 17,419,077        | 14,736,025        | 10,094,897    |
| Per cent of increase over the preceding five years, . . . | 18.2              | 48.0              | -             |
| Gas, illuminating and heating, . . . . .                  | 15,751,637        | 11,074,354        | 8,036,013     |
| Per cent of increase over the preceding five years, . . . | 42.2              | 37.8              | -             |
| Liquors, malt, . . . . .                                  | 15,608,044        | 12,723,730        | 11,060,944    |
| Per cent of increase over the preceding five years, . . . | 22.7              | 14.8              | -             |
| Furniture and refrigerators, . . . . .                    | 14,281,057        | 13,867,548        | 11,359,678    |
| Per cent of increase over the preceding five years, . . . | 8.0               | 22.1              | -             |
| Jewelry, . . . . .  | 14,175,887        | 15,210,738        | 10,073,595    |
| Per cent of increase over the preceding five years, . . . | 6.9 <sup>1</sup>  | 51.0              | -             |
| Clothing, women's, . . . . .                              | 13,982,587        | 11,727,980        | 8,696,044     |
| Per cent of increase over the preceding five years, . . . | 19.2              | 34.9              | -             |
| Cutlery and tools, not elsewhere specified, . . . . .     | 12,974,022        | 11,610,749        | 8,233,000     |
| Per cent of increase over the preceding five years, . . . | 11.7              | 41.0              | -             |
| Iron and steel, steel works and rolling mills, . . . . .  | 11,376,008        | 13,567,628        | 11,947,731    |
| Per cent of increase over the preceding five years, . . . | 16.2 <sup>1</sup> | 13.6              | -             |
| Automobiles, including bodies and parts, . . . . .        | 11,198,790        | 11,359,224        | 2,662,505     |
| Per cent of increase over the preceding five years, . . . | 1.4 <sup>1</sup>  | 386.6             | -             |
| Carpets and rugs, other than rag, . . . . .               | 10,981,344        | 12,811,981        | 9,713,978     |
| Per cent of increase over the preceding five years, . . . | 14.8 <sup>1</sup> | 31.9              | -             |

<sup>1</sup> Decrease.<sup>2</sup> Including sausage.

COMPARISONS OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE  
YEARS 1914 AND 1913, SHOWING DECREASES.

| INDUSTRIES.   | 1914                   | 1913                    | Decrease in<br>1914    |
|---|------------------------|-------------------------|------------------------|
| <b>The State.</b>                                   | <b>\$1,641,373,967</b> | <b>\$1,638,723,363</b>  | <b>\$17,355,316</b>    |
| Boots and shoes, including cut stock and findings,  | \$58,138,013           | \$59,877,783            | 14,489,770             |
| Boots and shoes, . . . . .                          | 200,529,858            | 216,667,911             | 16,138,053             |
| Boot and shoe cut stock and findings, . .           | 54,658,155             | 53,009,872              | 1,648,283 <sup>1</sup> |
| Cotton goods, including cotton small wares, .       | 197,322,111            | 211,985,220             | 14,663,109             |
| Woolen, worsted, and felt goods, . . . .            | 130,348,514            | 122,495,093             | 7,853,421 <sup>1</sup> |
| Foundry and machine-shop products, <sup>2</sup> . . | 85,638,612             | 90,948,683              | 5,310,071              |
| Printing and publishing, . . . . .                  | 56,196,811             | 18,708,542 <sup>3</sup> | -                      |
| Slaughtering and meat packing, <sup>4</sup> . . .   | 54,446,687             | 58,658,143              | 4,211,456              |
| Leather, tanned, curried, and finished, . .         | 45,265,434             | 46,974,470              | 1,409,036              |
| Electrical machinery, apparatus and supplies, .     | 43,869,394             | 54,433,691              | 10,564,397             |
| Paper and wood pulp, . . . . .                      | 43,352,545             | 48,402,886              | 5,050,341              |
| Bread and other bakery products, . . . .            | 33,309,061             | 28,381,835              | 4,977,216 <sup>1</sup> |
| Boots and shoes, rubber, . . . . .                  | 23,788,788             | 24,733,926              | 945,138                |
| Dyeing and finishing textiles, . . . . .            | 22,455,086             | 25,125,931              | 2,670,845              |
| Confectionery, . . . . .                            | 20,130,823             | 20,175,141              | 44,318                 |
| Clothing, men's, including shirts, . . . .          | 19,613,767             | 21,772,597              | 2,158,830              |
| Hosiery and knit goods, including hand-knit goods.  | 17,419,077             | 16,717,928              | 701,149 <sup>1</sup>   |
| Gas, illuminating and heating, . . . . .            | 15,751,637             | - <sup>5</sup>          | -                      |
| Liquors, malt, . . . . .                            | 15,608,044             | 15,795,719              | 187,675                |
| Furniture and refrigerators, . . . . .              | 14,281,057             | 15,337,462              | 1,046,405              |
| Jewelry, . . . . .                                  | 14,175,857             | 16,526,436              | 2,350,579              |
| Clothing, women's, . . . . .                        | 13,982,587             | 13,812,249              | 170,338 <sup>1</sup>   |
| Cutlery and tools, not elsewhere specified, .       | 12,974,022             | 13,760,732              | 786,710                |
| Iron and steel, steel works and rolling mills, .    | 11,376,008             | 14,680,756              | 3,304,748              |
| Automobiles, including bodies and parts, . .        | 11,198,790             | 11,265,702              | 66,912                 |
| Carpets and rugs, other than rag, . . . .           | 10,981,344             | 12,853,395              | 1,872,051              |

<sup>1</sup> Increase.

<sup>2</sup> In accordance with the grouping of the Census Office, the line Foundry and Machine-Shop Products includes the following: Foundry and machine shop products; automobile repairing; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

<sup>3</sup> These figures are not comparable. For reasons given in the text, the canvass in this industry was incomplete in 1913.

<sup>4</sup> Includes sausage.

<sup>5</sup> No returns for this industry in 1913.



## THE PRINCIPAL INDUSTRIES.

Measured by product value, the principal industries of the State fall in order in 1914 as follows: —

- (1) Boots and shoes,
- (2) Cotton goods, including cotton small wares,
- (3) Woolen and worsted goods, including felt goods,
- (4) Foundry and machine-shop products,
- (5) Printing and publishing,
- (6) Slaughtering and meat packing,
- (7) Leather, tanned, curried, and finished,
- (8) Electrical machinery, apparatus, and supplies,
- (9) Paper and wood pulp.

Of these enumerated leading industries, two, namely, Printing and publishing and Slaughtering and meat packing, are differentiated from the others by certain peculiar characteristics. The former might perhaps be more aptly termed a service rather than a manufacturing industry, a large part of its product value as returned consisting of the amount received for advertising, a source of income quite independent of the amounts received from actual sale of goods produced. Slaughtering and meat packing is still another type of industry to be differentiated from what is technically manufacturing, the chief element of expense being the cost of stock, with a relatively small complement for labor as a contributing factor to the value of product. The condition of both of these industries, however, at any given time may be considered to reflect in a measure the increasing intelligence of the people and their standards of living, and therefore seem proper subjects for inclusion in a survey of this character. Some particular considerations are here given to the comparative returns for these nine principal industries for the Census years 1895 to 1914, inclusive:

*Boots and Shoes (exclusive of Cut Stock and Findings).* — The volume of product for the year ending in December, 1914, exhibits an advance over the output five years before, as of December, 1909, of \$13,484,091, or about seven per cent. The gain in the next earlier half-decade, 1909 over 1904, amounted to \$42,754,341, or 29.6 per cent. For the five years ending in

1904, the increase was 23.2 per cent, and for the earliest comparison, as between 1899 and 1895, 12 per cent. For the 19-year period an increase of 91.8 per cent appears, or an evidence of progress somewhat slower than that exhibited for the State as a whole which, as has been stated, shows increase of 123.4 per cent during the same time. The increase in the number of wage earners for the 19-year period was 42.3 per cent accompanied by an increase of 78.4 per cent in the amount paid in wages, and of 91 per cent in the cost of materials used. It should be stated that the data given in the table relate to the manufacture of Boots and shoes in a restricted sense. They do not include the product of concerns engaged in making soles, heels, and other cut stock, or those engaged in the manufacture of shoe findings. While these are undoubtedly a part of the boot and shoe industry, and are, moreover, the branches of the industry which exhibit the most rapid expansion in recent years, nevertheless, there is a strong local interest in the older manufacture of the completed article and the statistics are, therefore, separately presented. The value of output in Boot and shoe cut stock and findings in 1914 was \$54,658,155, or 10.9 per cent over 1909, and for the 19-year period, an increase of 251.1 per cent. The Boot and shoe industry, as a whole, maintained its share of the State total as compared with its position five years ago, there being only a fractional loss, 15.5 per cent in 1914 as against 15.9 per cent in 1909.

*Cotton Goods (including Cotton Small Wares).*—In Cotton goods, including Cotton small wares, the percentages of increase between 1914 and 1909 are, in value of product, approximately six per cent, four and 12 per cent in wage earners and wages, respectively, and 14 per cent in cost of materials. For the 19-year period, the increases amount to approximately 114 per cent in product value, 37 and 85, respectively, in wage earners and wages, and 152 per cent in cost of materials. The percentages of gain for the 19-year period are considerably larger in this industry than the corresponding percentages for Boots and shoes, with the single exception of the average number of wage earners which exhibits 37 per cent in Cotton goods as against 42 in Boots and shoes, although in both

industries tremendous advance has been made in the progress of invention. The output of the cotton mills formed 12 per cent of the State total in 1914 as against 12.5 per cent in 1909.

*Woolen and Worsted Goods (including Felt Goods).* — During the semidecade, 1909 to 1914, there was absolute recession in this industry, the value of product, as of December, 1914, \$130,348,514, falling off \$10,316,520 from the figures five years earlier, when the total stood at \$140,665,034, a decline of 7.3 per cent. Similar decrease, 4.8 per cent, appears in the amount expended for materials, and, while the average number of wage earners employed was nearly stationary, — an absolute increase of 1,060 wage earners, or two per cent appearing, — the amount disbursed in wages increased 12.8 per cent over 1909. This is the third largest industry in the State measured both by product value and by average number of wage earners employed, and notwithstanding the decline above noted, the development since 1895 has been apparently more rapid than either Boots and shoes or Cotton goods, the percentage of gain in value of product in 19 years being 140.3 per cent in Woolen and worsted goods as against, respectively, 91.8 and 113.7 per cent in Boots and shoes and Cotton goods. This is true also of the amount paid in wages, which increased 116 per cent; of the average number of wage earners employed in the industry, which advanced 57.6 per cent; and of the cost of materials used, which increased 155 per cent.

In these three fundamental industries, Massachusetts, — although fifth among the States of the Union in Manufactures, being displaced for fourth position, in 1914, by the State of Ohio, — still holds her leadership, as the following comparisons of product values in 1914 show:

|                          | Boots and Shoes. |               |
|--------------------------|------------------|---------------|
| Massachusetts, . . . . . |                  | \$200,529,858 |
| New York, . . . . .      |                  | 67,288,809    |
| Missouri, . . . . .      |                  | 40,311,210    |
| New Hampshire, . . . . . |                  | 37,664,039    |
| Ohio, . . . . .          |                  | 32,773,922    |
| Pennsylvania, . . . . .  |                  | 27,844,752    |

**Cotton Goods.**

|                 |               |
|-----------------|---------------|
| Massachusetts,  | \$195,481,626 |
| North Carolina, | 90,743,683    |
| South Carolina, | 78,446,145    |
| Georgia,        | 59,982,008    |
| Rhode Island,   | 43,267,662    |

**Woolen and Worsted Goods (exclusive of felt goods).**

|                |               |
|----------------|---------------|
| Massachusetts, | \$127,351,434 |
| Pennsylvania,  | 63,113,060    |
| Rhode Island,  | 60,888,755    |
| New Jersey,    | 35,738,853    |

*Foundry and Machine-Shop Products.* — For several years unusually depressing conditions have existed in this industry, the value of goods made exhibiting 1.5 per cent decrease during the half-decade ending in 1914 with a further decrease of 6.4 per cent in number of wage earners, 4 per cent in wages paid, and 0.6 per cent in the amount expended for materials used. Comparative figures for the 19-year period are not available, owing to differences in classification, but for the 15-year period, since 1899, the value of product increased 34.8 per cent, or at a rate of about  $2\frac{1}{3}$  per cent per year. The number of wage earners increased in the 15 years only 15.4 per cent, the amount paid in wages 41.5 per cent, and the cost of materials used, 25.3 per cent.

*Leather, tanned, curried, and finished.* — The percentages of increase in this industry are with one or two exceptions generally lower for the half-decade ending in 1914 than for any previous five-year period, the average number of wage earners showing absolute decline as compared with 1909. The percentages of increase for the 19 years, as a whole, are similar to those for Boots and shoes, namely, 96 per cent in value of product; 42 and 72, respectively, in wage earners and wages; and 101 per cent in the cost of materials.

*Electrical Machinery, Apparatus, and Supplies.* — While this industry does not, as yet, fall into the same class as Boots and shoes, Cotton goods, and Woolen goods, each of whose products annually exceed \$100,000,000 in value, the development since 1895 has been by leaps and bounds and the per-

centages of gain unprecedented. From 1895 to 1899, the increase in output amounted to 80.9 per cent, rising from approximately six millions of dollars to \$10,490,000, while the next half-decade registered a further advance of 51 per cent. In the period, 1904 to 1909, the increase in output amounted to 77 per cent and at the end of 1914 the value of goods produced was \$43,869,294, or 656.7 per cent over 1895.

*Paper and Wood Pulp.* — The percentages of increase in this industry for the last half-decade, namely, eight in value of product; four and 15, respectively, in wage earners and wages; and 19 in cost of materials, are generally lower than for any other five-year period since 1899. For the five-year period, 1895 and 1899, decrease appeared in each of the elements considered.

*Printing and Publishing.* — This industry exhibits increase in volume of business of 18.4 per cent in 1914 as compared with 1909, accompanied by an increase in cost of materials used of 30.6 per cent, 3.6 per cent in average number of wage earners, and 13.5 per cent in wages paid.

*Slaughtering and Meat Packing, including Sausage.* — The gain in this industry in the semidecade ending in 1914 is greater than for any preceding five-year period since 1899, an increase of over 22 per cent in value of product and cost of materials appearing, accompanied by 7.7 per cent in average number of wage earners and of 16.6 per cent in amount of wages paid.

The data for these industries for the Census years are summarized as follows:

**Boots and Shoes, exclusive of Cut Stock and Findings.****(a) Product.**

| CENSUS YEAR.                               | Value         | Increase     | Per Cent of Increase |
|--|---------------|--------------|----------------------|
| 1895, . . . . .                            | \$104,576,501 | -            | -                    |
| 1899, . . . . .                            | 117,115,243   | \$12,538,742 | 12.0                 |
| 1904, . . . . .                            | 144,291,426   | 27,176,183   | 23.2                 |
| 1909, . . . . .                            | 187,045,767   | 42,754,341   | 29.6                 |
| 1914, . . . . .                            | 200,529,858   | 13,484,091   | 7.2                  |
| Increase for the 19-year period, . . . . . | -             | 95,953,357   | 91.8                 |

**(b) Stock and Materials.**

|  |              |              |      |
|--|--------------|--------------|------|
| 1895, . . . . .                            | \$32,940,538 | -            | -    |
| 1899, . . . . .                            | 75,751,964   | \$12,811,426 | 20.4 |
| 1904, . . . . .                            | 88,492,009   | 12,741,045   | 16.8 |
| 1909, . . . . .                            | 114,277,189  | 25,784,180   | 29.1 |
| 1914, . . . . .                            | 120,325,680  | 6,048,491    | 5.3  |
| Increase for the 19-year period, . . . . . | -            | 57,385,142   | 91.2 |

**(c) Wages Paid.**

|  |              |             |      |
|--|--------------|-------------|------|
| 1895, . . . . .                            | \$26,196,644 | -           | -    |
| 1899, . . . . .                            | 27,745,820   | \$1,549,176 | 5.9  |
| 1904, . . . . .                            | 33,160,667   | 5,414,847   | 19.5 |
| 1909, . . . . .                            | 41,970,498   | 8,809,831   | 26.6 |
| 1914, . . . . .                            | 46,742,858   | 4,772,360   | 11.4 |
| Increase for the 19-year period, . . . . . | -            | 20,547,214  | 78.4 |

**(d) Wage-Earners.**

| CENSUS YEAR.                               | Number | Increase | Per Cent of Increase |
|--|--------|----------|----------------------|
| 1895, . . . . .                            | 54,056 | -        | -                    |
| 1899, . . . . .                            | 58,645 | 4,589    | 8.5                  |
| 1904, . . . . .                            | 62,633 | 3,988    | 6.8                  |
| 1909, . . . . .                            | 74,710 | 12,077   | 19.3                 |
| 1914, . . . . .                            | 76,944 | 2,234    | 3.0                  |
| Increase for the 19-year period, . . . . . | -      | 22,888   | 42.3                 |

## Cotton Goods, including Cotton Small Wares.

(a) *Product.*

| CENSUS YEAR.                               | Value        | Increase     | Per Cent of Increase |
|--|--------------|--------------|----------------------|
| 1895, . . . . .                            | \$92,345,983 | -            | -                    |
| 1899, . . . . .                            | 111,125,175  | \$18,779,192 | 20.3                 |
| 1904, . . . . .                            | 130,068,982  | 18,943,807   | 17.0                 |
| 1909, . . . . .                            | 186,462,313  | 56,393,331   | 43.4                 |
| 1914, . . . . .                            | 197,322,111  | 10,859,798   | 5.8                  |
| Increase for the 19-year period, . . . . . | -            | 104,976,128  | 113.7                |

(b) *Stock and Materials.*

|  |              |             |       |
|--|--------------|-------------|-------|
| 1895, . . . . .                            | \$47,497,934 | -           | -     |
| 1899, . . . . .                            | 54,889,045   | \$6,891,111 | 14.5  |
| 1904, . . . . .                            | 80,267,982   | 25,878,907  | 47.6  |
| 1909, . . . . .                            | 105,156,794  | 24,888,842  | 31.0  |
| 1914, . . . . .                            | 119,834,334  | 14,677,540  | 14.0  |
| Increase for the 19-year period, . . . . . | -            | 72,336,400  | 152.3 |

(c) *Wages Paid.*

|  |              |             |      |
|--|--------------|-------------|------|
| 1895, . . . . .                            | \$27,369,337 | -           | -    |
| 1899, . . . . .                            | 32,478,697   | \$5,109,360 | 18.7 |
| 1904, . . . . .                            | 32,555,017   | 76,320      | 0.2  |
| 1909, . . . . .                            | 45,117,069   | 12,562,052  | 38.6 |
| 1914, . . . . .                            | 50,706,040   | 5,588,971   | 12.4 |
| Increase for the 19-year period, . . . . . | -            | 23,336,703  | 85.3 |

(d) *Wage-Earners.*

| CENSUS YEAR.                               | Number  | Increase           | Per Cent of Increase |
|--|---------|--------------------|----------------------|
| 1895, . . . . .                            | 82,855  | -                  | -                    |
| 1899, . . . . .                            | 92,515  | 9,660              | 11.7                 |
| 1904, . . . . .                            | 88,640  | 3,875 <sup>1</sup> | 4.2 <sup>1</sup>     |
| 1909, . . . . .                            | 108,914 | 20,274             | 22.9                 |
| 1914, . . . . .                            | 113,559 | 4,645              | 4.3                  |
| Increase for the 19-year period, . . . . . | -       | 30,704             | 37.1                 |

<sup>1</sup> Decrease.

**Electrical Machinery, Apparatus, and Supplies.***(a) Product.*

| CENSUS YEAR.                               | Value       | Increase    | Per Cent of Increase |
|--|-------------|-------------|----------------------|
| 1895. . . . .                              | \$5,797,743 | -           | -                    |
| 1899. . . . .                              | 10,490,361  | \$4,692,618 | 80.9                 |
| 1904. . . . .                              | 15,832,216  | 5,391,855   | 51.4                 |
| 1909. . . . .                              | 28,142,889  | 12,360,673  | 77.2                 |
| 1914. . . . .                              | 43,869,204  | 15,726,405  | 55.9                 |
| Increase for the 19-year period, . . . . . | -           | 38,071,551  | 656.7                |

*(b) Stock and Materials.*

|  |             |             |       |
|--|-------------|-------------|-------|
| 1895. . . . .                              | \$2,828,830 | -           | -     |
| 1899. . . . .                              | 5,250,293   | \$2,421,463 | 85.6  |
| 1904. . . . .                              | 7,324,167   | 2,073,874   | 39.5  |
| 1909. . . . .                              | 12,734,820  | 5,410,653   | 73.9  |
| 1914. . . . .                              | 17,696,907  | 4,962,087   | 39.0  |
| Increase for the 19-year period, . . . . . | -           | 14,868,077  | 525.6 |

*(c) Wages Paid.*

|  |             |             |       |
|--|-------------|-------------|-------|
| 1895. . . . .                              | \$1,620,175 | -           | -     |
| 1899. . . . .                              | 2,714,449   | \$1,094,274 | 67.5  |
| 1904. . . . .                              | 5,003,190   | 2,288,741   | 84.3  |
| 1909. . . . .                              | 8,209,174   | 3,205,984   | 64.1  |
| 1914. . . . .                              | 10,651,133  | 2,441,959   | 29.7  |
| Increase for the 19-year period, . . . . . | -           | 9,030,958   | 557.4 |

*(d) Wage-Earners.*

| CENSUS YEAR.                               | Number | Increase | Per Cent of Increase |
|--|--------|----------|----------------------|
| 1895. . . . .                              | 3,236  | -        | -                    |
| 1899. . . . .                              | 5,202  | 1,966    | 60.8                 |
| 1904. . . . .                              | 8,798  | 3,596    | 69.1                 |
| 1909. . . . .                              | 14,507 | 5,709    | 64.9                 |
| 1914. . . . .                              | 17,125 | 2,618    | 18.0                 |
| Increase for the 19-year period, . . . . . | -      | 13,889   | 429.2                |



**Foundry and Machine-Shop Products.<sup>1</sup>****(a) Product.**

| CENSUS YEAR.                               | Value          | Increase               | Per Cent of Increase |
|--|----------------|------------------------|----------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -                      | -                    |
| 1899, . . . . .                            | \$63,514,000   | -                      | -                    |
| 1904, . . . . .                            | 63,750,411     | \$236,411              | 0.4                  |
| 1909, . . . . .                            | 86,925,671     | 23,175,260             | 26.4                 |
| 1914, . . . . .                            | 85,638,612     | 1,287,059 <sup>3</sup> | 1.5 <sup>3</sup>     |
| Increase for the 15-year period, . . . . . | -              | 22,124,612             | 24.8                 |

**(b) Stock and Materials.**

|  |                |                        |                  |
|--|----------------|------------------------|------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -                      | -                |
| 1899, . . . . .                            | \$24,734,000   | -                      | -                |
| 1904, . . . . .                            | 24,426,000     | \$308,000 <sup>2</sup> | 1.2 <sup>2</sup> |
| 1909, . . . . .                            | 31,182,000     | 6,756,000              | 27.7             |
| 1914, . . . . .                            | 30,986,623     | 192,377 <sup>2</sup>   | 0.6 <sup>2</sup> |
| Increase for the 15-year period, . . . . . | -              | 6,255,623              | 25.3             |

**(c) Wages Paid.**

|  |                |           |                  |
|--|----------------|-----------|------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -         | -                |
| 1899, . . . . .                            | \$19,870,000   | -         | -                |
| 1904, . . . . .                            | 20,834,000     | \$964,000 | 4.9              |
| 1909, . . . . .                            | 27,032,000     | 6,198,000 | 29.7             |
| 1914, . . . . .                            | 28,117,771     | 1,085,771 | 4.0 <sup>2</sup> |
| Increase for the 15-year period, . . . . . | -              | 8,247,771 | 41.5             |

**(d) Wage-Earners.**

| CENSUS YEAR.                               | Number         | Increase           | Per Cent of Increase |
|--|----------------|--------------------|----------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -                  | -                    |
| 1899, . . . . .                            | 35,850         | -                  | -                    |
| 1904, . . . . .                            | 35,844         | 6 <sup>2</sup>     | .02 <sup>2</sup>     |
| 1909, . . . . .                            | 44,179         | 8,335              | 23.3                 |
| 1914, . . . . .                            | 41,361         | 2,818 <sup>2</sup> | 6.4 <sup>2</sup>     |
| Increase for the 15-year period, . . . . . | -              | 5,611              | 15.4                 |

<sup>1</sup> To conform with the Census classification, includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork and, in 1914, automobile repairing.

<sup>2</sup> Through changes in classification, comparable figures are not available for 1896.

<sup>3</sup> Decrease.

**Leather, Tanned, Curried, and Finished.***(a) Product.*

| CENSUS YEAR.                               | Value        | Increase    | Per Cent of Increase |
|--|--------------|-------------|----------------------|
| 1895, . . . . .                            | \$23,068,400 | -           | -                    |
| 1899, . . . . .                            | 26,067,714   | \$3,999,314 | 13.0                 |
| 1904, . . . . .                            | 33,352,999   | 7,285,285   | 27.9                 |
| 1909, . . . . .                            | 40,002,079   | 6,649,080   | 19.9                 |
| 1914, . . . . .                            | 45,265,434   | 5,263,355   | 13.2                 |
| Increase for the 19-year period, . . . . . | -            | 23,197,084  | 96.2                 |

*(b) Stock and Materials.*

|  |              |             |       |
|--|--------------|-------------|-------|
| 1895, . . . . .                            | \$16,489,120 | -           | -     |
| 1899, . . . . .                            | 19,793,757   | \$3,304,637 | 20.0  |
| 1904, . . . . .                            | 23,040,897   | 3,247,140   | 16.4  |
| 1909, . . . . .                            | 28,765,508   | 5,724,611   | 24.8  |
| 1914, . . . . .                            | 33,194,061   | 4,428,553   | 15.4  |
| Increase for the 19-year period, . . . . . | -            | 16,704,941  | 101.3 |

*(c) Wages Paid.*

|  |             |                       |                  |
|--|-------------|-----------------------|------------------|
| 1895, . . . . .                            | \$3,447,701 | -                     | -                |
| 1899, . . . . .                            | 3,379,698   | \$68,003 <sup>1</sup> | 2.0 <sup>1</sup> |
| 1904, . . . . .                            | 4,556,327   | 1,176,629             | 34.8             |
| 1909, . . . . .                            | 5,443,944   | 887,617               | 19.5             |
| 1914, . . . . .                            | 5,918,205   | 474,261               | 8.7              |
| Increase for the 19-year period, . . . . . | -           | 2,470,504             | 71.7             |

*(d) Wage-Earners.*

| CENSUS YEAR.                               | Number | Increase         | Per Cent of Increase |
|--|--------|------------------|----------------------|
| 1895, . . . . .                            | 7,176  | -                | -                    |
| 1899, . . . . .                            | 7,010  | 166 <sup>1</sup> | 2.3 <sup>1</sup>     |
| 1904, . . . . .                            | 9,074  | 2,064            | 29.4                 |
| 1909, . . . . .                            | 10,252 | 1,178            | 13.0                 |
| 1914, . . . . .                            | 10,164 | 88 <sup>1</sup>  | 0.9 <sup>1</sup>     |
| Increase for the 19-year period, . . . . . | -      | 2,988            | 41.6                 |

<sup>1</sup> Decrease.

**Paper and Wood Pulp.***(a) Product.*

| CENSUS YEAR.                               | Value        | Increase               | Per Cent of Increase |
|--|--------------|------------------------|----------------------|
| 1895, . . . . .                            | \$22,789,063 | -                      | -                    |
| 1899, . . . . .                            | 22,141,461   | \$647,592 <sup>1</sup> | 2.8 <sup>1</sup>     |
| 1904, . . . . .                            | 32,012,247   | 9,870,786              | 44.6                 |
| 1909, . . . . .                            | 40,096,713   | 8,084,466              | 25.3                 |
| 1914, . . . . .                            | 43,352,545   | 3,255,832              | 8.1                  |
| Increase for the 19-year period, . . . . . | -            | 20,563,492             | 90.2                 |

*(b) Stock and Materials.*

|  |              |                          |                   |
|--|--------------|--------------------------|-------------------|
| 1895, . . . . .                            | \$13,849,426 | -                        | -                 |
| 1899, . . . . .                            | 11,918,802   | \$1,930,624 <sup>1</sup> | 13.9 <sup>1</sup> |
| 1904, . . . . .                            | 17,946,726   | 6,027,924                | 50.6              |
| 1909, . . . . .                            | 22,349,613   | 4,402,887                | 24.5              |
| 1914, . . . . .                            | 26,610,748   | 4,261,135                | 19.1              |
| Increase for the 19-year period, . . . . . | -            | 12,761,322               | 92.1              |

*(c) Wages Paid.*

|  |             |                        |                  |
|--|-------------|------------------------|------------------|
| 1895, . . . . .                            | \$4,086,941 | -                      | -                |
| 1899, . . . . .                            | 3,938,400   | \$148,541 <sup>1</sup> | 3.6 <sup>1</sup> |
| 1904, . . . . .                            | 5,587,862   | 1,649,462              | 41.9             |
| 1909, . . . . .                            | 6,541,636   | 953,774                | 17.1             |
| 1914, . . . . .                            | 7,548,630   | 1,006,984              | 15.4             |
| Increase for the 19-year period, . . . . . | -           | 3,461,679              | 84.7             |

*(d) Wage-Earners.*

| CENSUS YEAR.                               | Number | Increase         | Per Cent of Increase |
|--|--------|------------------|----------------------|
| 1895, . . . . .                            | 9,760  | -                | -                    |
| 1899, . . . . .                            | 9,061  | 699 <sup>1</sup> | 7.2 <sup>1</sup>     |
| 1904, . . . . .                            | 11,705 | 2,644            | 29.2                 |
| 1909, . . . . .                            | 12,848 | 1,143            | 9.8                  |
| 1914, . . . . .                            | 13,401 | 553              | 4.3                  |
| Increase for the 19-year period, . . . . . | -      | 3,641            | 37.3                 |

<sup>1</sup> Decrease.

**Printing and Publishing.<sup>1</sup>****(a) Product.**

| CENSUS YEAR.                               | Value          | Increase    | Per Cent of Increase |
|--|----------------|-------------|----------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -           | -                    |
| 1899, . . . . .                            | \$35,133,612   | -           | -                    |
| 1904, . . . . .                            | 39,274,014     | \$4,140,402 | 11.8                 |
| 1909, . . . . .                            | 47,445,006     | 8,170,992   | 20.8                 |
| 1914, . . . . .                            | 56,195,811     | 8,750,805   | 18.4                 |
| Increase for the 15-year period, . . . . . | -              | 21,062,199  | 59.9                 |

**(b) Stock and Materials.**

|  |                |             |      |
|--|----------------|-------------|------|
| 1895, . . . . .                            | - <sup>2</sup> | -           | -    |
| 1899, . . . . .                            | \$8,947,939    | -           | -    |
| 1904, . . . . .                            | 10,917,592     | \$1,969,653 | 22.0 |
| 1909, . . . . .                            | 12,880,551     | 1,962,959   | 18.0 |
| 1914, . . . . .                            | 16,817,231     | 3,936,680   | 30.6 |
| Increase for the 15-year period, . . . . . | -              | 7,869,292   | 87.9 |

**(c) Wages Paid.**

|  |                |           |      |
|--|----------------|-----------|------|
| 1895, . . . . .                            | - <sup>2</sup> | -         | -    |
| 1899, . . . . .                            | \$8,606,813    | -         | -    |
| 1904, . . . . .                            | 9,064,044      | \$457,231 | 5.3  |
| 1909, . . . . .                            | 11,683,634     | 2,619,590 | 28.9 |
| 1914, . . . . .                            | 13,266,309     | 1,582,675 | 13.5 |
| Increase for the 15-year period, . . . . . | -              | 4,659,496 | 54.1 |

**(d) Wage-Earners.**

| CENSUS YEAR.                               | Number         | Increase | Per Cent of Increase |
|--|----------------|----------|----------------------|
| 1895, . . . . .                            | - <sup>2</sup> | -        | -                    |
| 1899, . . . . .                            | 14,899         | -        | -                    |
| 1904, . . . . .                            | 15,112         | 213      | 1.4                  |
| 1909, . . . . .                            | 17,632         | 2,420    | 16.0                 |
| 1914, . . . . .                            | 18,170         | 638      | 3.6                  |
| Increase for the 15-year period, . . . . . | -              | 3,271    | 23.0                 |

<sup>1</sup> Embraces the following: Bookbinding and blank-book making; engraving, steel and copper plate, including plate printing; lithographing; printing and publishing, book and job; printing and publishing, music; printing and publishing, newspapers and periodicals.

<sup>2</sup> Comparable figures are not available.

## Slaughtering and Meat Packing, including Sausage.

(a) *Product.*

| CENSUS YEAR.                               | Value        | Increase    | Per Cent of Increase |
|--|--------------|-------------|----------------------|
| 1895, . . . . .                            | -1           | -           | -                    |
| 1899, . . . . .                            | \$32,243,950 | -           | -                    |
| 1904, . . . . .                            | 38,012,208   | \$5,668,258 | 17.5                 |
| 1909, . . . . .                            | 44,402,972   | 6,390,764   | 16.8                 |
| 1914, . . . . .                            | 54,446,687   | 10,043,715  | 23.6                 |
| Increase for the 15-year period, . . . . . | -            | 22,102,737  | 68.3                 |

(b) *Stock and Materials.*

|  |              |             |      |
|--|--------------|-------------|------|
| 1895, . . . . .                            | -1           | -           | -    |
| 1899, . . . . .                            | \$28,590,690 | -           | -    |
| 1904, . . . . .                            | 33,880,585   | \$5,289,895 | 18.5 |
| 1909, . . . . .                            | 38,886,139   | 5,005,554   | 14.8 |
| 1914, . . . . .                            | 47,475,817   | 8,589,678   | 22.1 |
| Increase for the 15-year period, . . . . . | -            | 18,885,127  | 66.1 |

(c) *Wages Paid.*

|  |             |           |      |
|--|-------------|-----------|------|
| 1895, . . . . .                            | -1          | -         | -    |
| 1899, . . . . .                            | \$1,389,810 | -         | -    |
| 1904, . . . . .                            | 1,594,601   | \$204,791 | 14.7 |
| 1909, . . . . .                            | 1,837,166   | 242,565   | 15.2 |
| 1914, . . . . .                            | 2,141,451   | 304,285   | 16.6 |
| Increase for the 15-year period, . . . . . | -           | 751,641   | 54.1 |

(d) *Wage-Earners.*

| CENSUS YEAR.                               | Number | Increase | Per Cent of Increase |
|--|--------|----------|----------------------|
| 1895, . . . . .                            | -1     | -        | -                    |
| 1899, . . . . .                            | 2,874  | -        | -                    |
| 1904, . . . . .                            | 3,027  | 153      | 5.3                  |
| 1909, . . . . .                            | 3,325  | 298      | 9.8                  |
| 1914, . . . . .                            | 3,582  | 257      | 7.7                  |
| Increase for the 15-year period, . . . . . | -      | 708      | 24.6                 |

1 Comparable figures are not available.

**Woolen and Worsted Goods (including Felt Goods).***(a) Product.*

| CENSUS YEAR.                               | Value        | Increase                | Per Cent of Increase |
|--|--------------|-------------------------|----------------------|
| 1895, . . . . .                            | \$54,236,708 | -                       | -                    |
| 1899, . . . . .                            | 72,972,297   | \$18,735,589            | 34.5                 |
| 1904, . . . . .                            | 99,313,895   | 26,341,598              | 36.1                 |
| 1909, . . . . .                            | 140,665,034  | 41,351,139              | 41.6                 |
| 1914, . . . . .                            | 130,348,514  | 10,316,520 <sup>1</sup> | 7.3 <sup>1</sup>     |
| Increase for the 19-year period, . . . . . | -            | 76,111,806              | 140.3                |

*(b) Stock and Materials.*

|  |              |                        |                  |
|--|--------------|------------------------|------------------|
| 1895, . . . . .                            | \$32,550,925 | -                      | -                |
| 1899, . . . . .                            | 44,542,334   | \$11,991,409           | 36.8             |
| 1904, . . . . .                            | 62,777,688   | 18,235,254             | 40.9             |
| 1909, . . . . .                            | 87,296,605   | 24,519,017             | 39.1             |
| 1914, . . . . .                            | 83,077,423   | 4,219,182 <sup>1</sup> | 4.8 <sup>1</sup> |
| Increase for the 19-year period, . . . . . | -            | 50,526,498             | 155.2            |

*(c) Wages Paid.*

|  |              |             |       |
|--|--------------|-------------|-------|
| 1895, . . . . .                            | \$12,638,703 | -           | -     |
| 1899, . . . . .                            | 14,059,431   | \$1,420,728 | 11.2  |
| 1904, . . . . .                            | 18,136,689   | 4,077,258   | 29.0  |
| 1909, . . . . .                            | 24,258,843   | 6,122,154   | 33.8  |
| 1914, . . . . .                            | 27,363,082   | 3,104,239   | 12.8  |
| Increase for the 19-year period, . . . . . | -            | 14,724,379  | 116.5 |

*(d) Wage-Earners.*

| CENSUS YEAR.                               | Number | Increase | Per Cent of Increase |
|--|--------|----------|----------------------|
| 1895, . . . . .                            | 34,421 | -        | -                    |
| 1899, . . . . .                            | 37,048 | 2,627    | 7.6                  |
| 1904, . . . . .                            | 44,050 | 7,002    | 18.9                 |
| 1909, . . . . .                            | 53,195 | 9,145    | 20.8                 |
| 1914, . . . . .                            | 54,255 | 1,060    | 2.0                  |
| Increase for the 19-year period, . . . . . | -      | 19,834   | 57.6                 |

<sup>1</sup> Decrease.

The following table brings together the percentages of increase or decrease for six of the principal industries of the State for the 19 and the five-year periods, in comparison with similar percentages for the one-year period (1913-1914), since the canvass for these industries is complete each year, and the annual returns are, therefore, directly comparable with the Census totals; and also a table showing the growth of the population by five-year periods, since 1895, from which it appears that the increase in the number of wage earners employed in manufacturing industries is more than keeping pace with the increase in the number of inhabitants, although in some of these industries the progress of invention has apparently a tendency to make the rate of growth relatively less than is shown for All Industries, taken as a whole.

## COMPARISONS FOR SIX PRINCIPAL INDUSTRIES.

*Nineteen years. (1895-1914) Percentages of Increase.*

| ITEMS.                          | All Industries | Boots and Shoes | Cotton Goods, Including Cotton Small Wares | Woolen, Worsted, and Felt Goods | Electrical Machinery, Apparatus, and Supplies | Leather, Tanned, Curried, and Finished | Paper and Wood Pulp |
|---------------------------------|----------------|-----------------|--|---------------------------------|---|--|---------------------|
| Product, . . . . .              | 123.4          | 91.8            | 113.7                                      | 140.3                           | 656.7   | 96.2                                   | 90.2                |
| Value of stock used, . .        | 129.4          | 91.2            | 152.3                                      | 185.2                           | 525.6   | 101.3                                  | 92.1                |
| Amount paid in wages, .         | 104.7          | 78.4            | 85.3                                       | 116.5                           | 557.4   | 71.7                                   | 84.7                |
| Average number of wage-earners. | 58.6           | 42.3            | 37.1                                       | 57.6                            | 429.2   | 41.6                                   | 37.3                |

*Five years. (1909-1914) Percentages of Increase.*

|                                 |      |      |      |                   |      |                   |      |
|---------------------------------|------|------|------|-------------------|------|-------------------|------|
| Product, . . . . .              | 10.1 | 7.2  | 5.8  | -7.3 <sup>1</sup> | 55.9 | 13.2              | 8.1  |
| Value of stock used, . .        | 12.1 | 5.3  | 14.0 | -4.8 <sup>1</sup> | 39.0 | 15.4              | 19.1 |
| Amount paid in wages, .         | 18.3 | 11.4 | 12.4 | 12.8              | 29.7 | 8.7               | 15.4 |
| Average number of wage-earners. | 3.8  | 2.0  | 4.3  | 2.0               | 18.0 | -0.9 <sup>1</sup> | 4.3  |

*One year. (1913-1914) Percentages of Decrease.*

|                                 |    |      |      |                    |       |      |       |
|---------------------------------|----|------|------|--------------------|-------|------|-------|
| Product, . . . . .              | -3 | -7.4 | -6.9 | +6.4 <sup>2</sup>  | -19.4 | -3.0 | -10.4 |
| Value of stock used, . .        | -  | -8.1 | -6.8 | +11.1 <sup>2</sup> | -29.6 | -4.5 | -11.1 |
| Amount paid in wages, .         | -  | -7.9 | -4.6 | +12.2 <sup>2</sup> | -25.8 | -3.6 | -7.9  |
| Average number of wage-earners. | -  | -5.3 | -2.0 | +7.4 <sup>2</sup>  | -23.7 | -1.5 | -6.6  |

<sup>1</sup> Decrease.<sup>2</sup> The figures for All Industries are not comparable.<sup>3</sup> Increase.

*Population.*

| CENSUS YEAR.                               | Population | Increase  | Per Cent of Increase |
|--|------------|-----------|----------------------|
| 1895, . . . . .                            | 2,500,183  | —         | —                    |
| 1900, . . . . .                            | 2,805,246  | 305,163   | 12.2                 |
| 1905, . . . . .                            | 3,003,680  | 198,334   | 7.1                  |
| 1910, . . . . .                            | 3,366,416  | 362,736   | 12.1                 |
| 1915, . . . . .                            | 3,693,310  | 326,894   | 9.7                  |
| Increase for the 20-year period, . . . . . | —          | 1,193,127 | 47.7                 |

## THE CITIES.

The aggregate value of product for the 33 cities of the State rose from \$1,087,396,052 in 1909 to \$1,217,496,216 in 1914 and exhibits an increase amounting to a little over \$130,000,000, or 11.9 per cent, slightly higher than that shown for the State as a whole for the five-year period. Gains are shown for each of 25 cities, but there are eight cities which show decline in product value during the half-decade, the most important falling off being in the city of *Lawrence* whose product in 1909 had registered nearly eighty millions of dollars, (\$79,992,668). In 1914, owing principally to the decline in the woolen goods industry the total was \$73,177,803, or a loss of about 8½ per cent, — in strong contrast to the preceding half-decade, 1904–1909, for which period there was a gain of 66.5 per cent. *Lowell*, owing also to the adverse conditions in the textile industries, shows decline of seven per cent in the five years ending December, 1914. The city of *Lynn* shows decrease for the semidecade of 2.4 per cent, due largely to decreased production in the boot and shoe industry. A slight decrease for the period is shown for *Chelsea*, — two-tenths of one per cent; a decline of 3.8 per cent in *Marlborough*, of 6.3 per cent in *Salem*; of 7.3 per cent in *Newton*; and of 11.5 per cent in *Melrose*.

Except for the increase in the industry *Printing and publishing*, there were no very important increases in the city of *Boston* during the five-year period. This, however, measured by product value, is the most important industry in the municipi-



pality and presents an increase for the half-decade — all establishments being canvassed and full and complete returns being made in both years — of about \$5,228,000, the totals rising from \$28,021,168 in 1909 to approximately \$33,249,000, or a gain of about 19 per cent. A substantial increase is shown in *Foundry and machine-shop products*<sup>1</sup> for the half-decade, from \$13,474,000 to \$17,053,000; in *Confectionery*, from \$10,341,275 to \$14,795,919; in *Coffee and spice roasting and grinding*, a gain from \$5,307,987 to \$8,463,495. Although *Men's clothing* remained practically stationary, approximately 14 millions of dollars in both years, *Women's clothing* advanced from \$7,841,740 to \$9,608,758. Substantial gains are shown also for *Hosiery and knit goods* and for *Slaughtering and meat packing*. For All Industries the value of product rose from \$237,-457,472 in 1909 to \$284,802,479 in 1914, the average number of wage earners rose from 69,637 in 1909 to 78,894 in 1914 a gain of 13 per cent, and the amount paid in wages rose from \$39,-909,807 to \$49,444,277 or nearly 24 per cent.

*Brockton* in her principal industry, *Boots and shoes*, exhibits an advance of approximately eight per cent for the five years, from \$32,464,288 to \$35,032,665, but as a matter of fact there was absolute recession from the level reached in 1913 when the total stood at \$37,601,925. *Boot and shoe cut stock and findings* rose from \$6,828,830 in 1909 to \$9,089,460 in 1914.

*Cambridge* is rapidly assuming an increasingly important industrial position, and is indebted to Boston, from which city they removed, for some of her latest enterprises. Gains in the last half-decade appear for *Confectionery*, from \$1,909,771 in 1909 to \$3,285,724 in 1914; *Foundry and machine-shop products*,<sup>1</sup> from \$4,789,000 to \$5,333,000; *Printing and publishing* from \$3,368,000 to \$4,020,000. There are also several industries for which the totals cannot be given without disclosing the operations of individual establishments, but which contributed largely to her industrial welfare. The average number of wage earners, taking All Industries into the account, rose from 15,260 in 1909 to 16,749 in 1914 and the total amount paid in wages from \$8,365,454 to \$10,216,990.

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<sup>1</sup> Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

In her most important industry, *Boots and shoes, Chelsea* maintained her position during the five-year period, the value of product rising from \$4,199,936 to \$5,466,898, or a gain of more than 30 (30.2) per cent, but the city as a whole, as has been stated, shows slight decline in 1914.

*Fall River*, taking all industries into the account, exhibits no remarkable activity, the value of goods for the five-year period ending in 1914 standing at \$64,663,146 as against \$64,145,726 in 1909. As compared with the year 1913, however, decline appears, product value in that year to the amount of \$65,221,733 being reported. The output in her principal industry, *Cotton goods, including Cotton small wares*, rose from \$48,576,114, 45 establishments reporting in 1909, to \$49,995,011 in 1914, 51 establishments reporting, an increase of less than three (2.9) per cent, and a decrease as compared with 1913, when the total in this industry was \$50,606,409.

Like Fall River, manufactures in the city of *Fitchburg* were also practically stationary, the total product value at the end of 1914, \$23,983,352, being practically identical with the total for 1909, \$23,252,155, and in two of her important industries, namely, *Cotton goods* and *Foundry and machine-shop products* a decline is shown, the product values falling, respectively, from \$5,412,633 to \$4,789,023 and from \$1,625,870 to \$1,253,506. As compared with 1913, a decline in value of product appears, an aggregate of \$24,831,346 being reported for that year.

*Gloucester* exhibits gain in her industries as a whole, \$7,753,463 in 1909 and \$8,533,964 in 1914, and also in her principal source of wealth, namely, *Canning and preserving fish*, the total increasing from \$4,531,062 in 1909 to \$4,906,580 in 1914.

*Haverhill* advanced in product value nearly 20 (19.9) per cent over 1909, the total for 1914 being \$42,409,246 as against \$35,376,617, the increase appearing in her principal industry, *Boots and shoes* with the allied products *Boot and shoe cut stock and findings*, for which the totals for 1914 were \$35,641,354 as against \$29,149,609 in 1909, although in this city as in Brockton and Lynn there was recession from the record for 1913 which for these industries stood at \$37,095,080.

*Holyoke* exhibits gain in her manufactures as a whole, \$44,041,155 in 1914 and \$40,097,224 in 1909 and also in the two

important sources of her industrial prosperity, *Paper and Paper goods*, the product for the former being \$13,178,525 and \$12,304,800 in 1914 and 1909, respectively, and for the latter, \$1,931,564 in 1914 as against \$1,086,854 in 1909. The average number of wage earners in All Industries increased from 16,513 in 1909 to 17,493 in 1914. In 1913 the establishments reporting had a product value aggregating \$45,904,797.

*Lawrence* shows decline for the city as a whole, of 8.5 per cent in 1914 as compared with 1909, and in two of her important industries, namely, *Woolen and worsted goods*, which fell from \$56,206,736 in the earlier year to \$51,584,497 in 1914 and in *Foundry and machine-shop products* which fell from \$1,720,443 to \$1,443,267. Manufactures of *Cotton goods, including Cotton small wares*, exhibits increase from \$6,825,500 in 1909 to \$7,143,127 in 1914.

*Lowell*, like *Lawrence*, exhibits decrease in the total output of her factories, from \$60,270,961 to \$56,048,641, the loss amounting to seven per cent in 1914. Losses are shown for nearly all of the industries appearing in Table I b, pages 22 and 23, but particularly in her principal industries, the textiles, the decline in *Cotton goods, including Cotton small wares*, being from \$24,744,240 to \$23,178,333, and in *Woolen and worsted goods* from \$6,105,083 to \$3,923,754. *Foundry and machine-shop products* also shows decline, \$4,332,969 in 1909 and \$2,788,452 in 1914. The establishments reporting in 1913 had an aggregate product value of \$59,322,088.

Decline is shown for *Lynn* as compared with totals five years previously, when the value of goods made stood at \$71,503,140, the product for the year ending December, 1914, being only \$69,783,418. The value of her *Boots and shoes* and of the output of her tanneries decreased, the former from \$34,620,870 to \$30,066,815 or upwards of 13 per cent, and the latter from \$5,093,927 to \$3,848,671, or 24.4 per cent. Her output in *Boot and shoe cut stock and findings* increased, however, from \$12,038,839 to \$13,824,243, with an increase in the manufacture of *Lasts*, \$266,207 in 1909 and \$389,107 in 1914. The total product value registered for establishments reporting in 1913, higher than either 1909 or 1914, was \$78,947,766.

*New Bedford*, in happy contrast, exhibits general increase for

all industries, the total product rising from \$53,237,839 in 1909 to \$65,575,005 in 1914, or 23.2 per cent, her principal industry, *Cotton goods, including Cotton small wares*, advancing from \$42,505,007 to \$51,766,234, an increase of 21.8 per cent. New Bedford, five years ago, surpassed by both Fall River and Lowell, now leads those textile centres, the order in 1914, on the basis of product value, being New Bedford, \$65,575,005; Fall River, \$64,663,146; and Lowell, \$56,048,641. The aggregate for 1914 for the city as a whole, however, fell off from the 1913 level, which was \$69,466,482.

*Newburyport* presents increase in total output of 19 per cent in 1914; and, in her principal industry, *Boots and shoes*, increase from \$3,000,467 in 1909 to \$3,646,541 in 1914 is shown.

*North Adams* exhibits no special advance over 1909, the total manufactures being \$10,314,847 in that year as against \$10,922,575 in 1914.

Substantial increase appears for *Northampton*, from \$6,998,992 to \$8,580,730 or 22.6 per cent in five years, and a somewhat smaller gain for *Quincy* whose product rose from \$10,505,403 to \$12,097,452, or a gain of 15.2 per cent.

*Pittsfield's* gain over 1909 is one of the notable features of the 1914 Census, the total for All Industries in 1909 standing at \$15,215,202 and in 1914 at \$22,241,237, the gain of over 46 per cent being largely due to increased production in her electrical machinery industry, separate figures for which cannot be given because of there being but one establishment engaged in the industry. The product value reported in 1913, however, \$23,919,923, was greater than either 1909 or 1914.

*Salem* shows decline both as to her product value, as a whole, from \$14,576,276 in 1909 to \$13,652,586 in 1914, and in one of her principal industries, namely, *Boots and shoes*, from \$5,468,128 to \$4,665,750. Still further decline appears as compared with 1913, when a total product of \$17,344,566 was reported, the decrease being partly due to a disastrous fire which took place in that city during the Census year.

*Somerville* shows a substantial increase in total product as compared with 1909, from \$38,686,527 to \$43,971,291, an advance of 13.7 per cent, the gain being due in large measure to increased output in the slaughtering and meat packing indus-

tries, but recession as compared with 1913 is noted, a total of \$50,279,057 being reported for that year.

*Springfield*, with great diversification of industry, shows material gain over 1909, the total product rising from \$31,772,-815 to \$44,428,854, or 39.8 per cent. In 1913, the value of product reported was \$43,509,139.

The totals for *Taunton* show little gain over 1909, \$15,379,821 to \$15,885,812. Increase appears for *Cotton goods*, from \$4,912,-758 to \$5,379,096 or 9.5 per cent, but a decrease in the output of *Foundry and machine-shop products*, from \$2,042,146 to \$1,292,495. As compared with the 1913 level, \$16,282,425, *Taunton* exhibits decrease.

*Waltham* had substantial gain in All Industries from \$7,814,-178 in 1909 to \$10,236,912 in 1914, the watch industry, for which the figures cannot be separately given, forming her chief source of industrial activity. But, if 1914 data be compared with the product for establishments reporting in 1913, \$11,571,080, a decline is noted.

*Woburn* shows only slight advance, \$5,408,081 in 1909 to \$5,517,806 in 1914, her principal source of wealth, *Leather tanned, curried, and finished*, showing almost no change over the total five years ago, — \$3,451,202 in 1914 as against \$3,415,105 in 1909, and there was decline for the city as a whole as compared with the aggregate for establishments reporting in 1913, when the amount was \$6,025,416.

In *Worcester*, taking account of all industries, the increase in 1914 over 1909 amounted to \$5,681,472 or 7.4 per cent. The gains, however, are inconsiderable and appear in her less important industries, including *Boots and shoes* which rose from \$2,322,138 to \$2,627,744. The value of product in *Foundries and machine-shops*, however, shows decline, as well as the output of her textile industries and there was also recession as compared with 1913 in which year the establishments reported a product value of \$89,707,793 as against \$82,829,356 in 1914.

A table with percentages of increase or decrease for cities, by Census years since 1895 is given, and also a comparison between 1914 and 1913 from which it appears that notwithstanding the more complete canvass in the later year, the totals in 21 out of 33 cities fail to reach the level of 1913.

## THE 33 CITIES.

[Arranged in order of Product Value in 1914.]

| CITIES.           | VALUE OF PRODUCT    |                     |                        |                        |                        | PER CENT OF INCREASE |                   |                   |                   |                |
|-------------------|---------------------|---------------------|------------------------|------------------------|------------------------|----------------------|-------------------|-------------------|-------------------|----------------|
|                   | 1905                | 1909                | 1904                   | 1909                   | 1914                   | 1899 over 1895       | 1904 over 1899    | 1909 over 1904    | 1914 over 1909    | 1914 over 1895 |
| <b>The State.</b> | <b>\$74,652,132</b> | <b>\$97,836,439</b> | <b>\$1,124,092,051</b> | <b>\$1,490,129,390</b> | <b>\$1,641,879,047</b> | <b>23.5</b>          | <b>23.8</b>       | <b>31.6</b>       | <b>10.1</b>       | <b>132.4</b>   |
| Boston, . . .     | 130,425,010         | 162,764,522         | 164,351,153            | 237,457,472            | 284,802,476            | 24.8                 | 13.3              | 28.8              | 10.9              | 118.4          |
| Worcester, . .    | 34,771,192          | 46,763,372          | 53,144,965             | 77,147,864             | 82,289,250             | 34.6                 | 11.4              | 47.9              | 7.4               | 138.2          |
| Lawrence, . .     | 26,389,131          | 41,741,980          | 45,036,583             | 79,992,668             | 72,177,503             | 58.2                 | 15.1              | 66.5              | 8.5 <sup>1</sup>  | 177.3          |
| Lynn, . . .       | 31,780,744          | 39,847,493          | 55,003,023             | 71,693,140             | 69,758,418             | 24.0                 | 39.8              | 30.0              | 2.4 <sup>1</sup>  | 120.0          |
| New Bedford, .    | 18,637,142          | 23,897,491          | 29,469,349             | 53,237,839             | 66,753,005             | 25.5                 | 26.0              | 80.7              | 25.2              | 201.9          |
| Fall River, . .   | 32,320,351          | 39,102,710          | 43,473,105             | 64,145,726             | 64,663,146             | 21.0                 | 11.2              | 47.6              | 0.8               | 100.1          |
| Cambridge, . .    | 34,246,041          | 29,092,103          | 42,407,064             | 44,237,395             | 57,433,049             | 16.0 <sup>1</sup>    | 45.8              | 4.3               | 30.0              | 67.9           |
| Lowell, . . .     | 36,945,119          | 41,202,984          | 46,879,212             | 60,270,961             | 66,048,641             | 12.4                 | 13.8              | 28.6              | 7.0 <sup>1</sup>  | 82.9           |
| Brockton, . .     | 20,462,248          | 24,855,262          | 37,790,963             | 46,973,368             | 51,259,131             | 21.5                 | 53.0              | 21.6              | 11.6              | 150.5          |
| Springfield, .    | 13,899,293          | 18,155,071          | 25,860,260             | 31,772,815             | 44,438,654             | 30.6                 | 42.4              | 22.9              | 9.8               | 219.6          |
| Holyoke, . . .    | 20,751,478          | 24,092,610          | 30,721,332             | 40,097,224             | 44,041,155             | 16.1                 | 27.6              | 30.5              | 9.8               | 112.2          |
| Somerville, . .   | 14,115,045          | 20,064,519          | 22,955,197             | 33,686,527             | 43,971,291             | 42.2                 | 14.4              | 44.7              | 13.7              | 211.6          |
| Haverhill, . .    | 19,112,053          | 23,418,790          | 24,446,594             | 33,376,617             | 42,406,246             | 22.5                 | 4.4               | 44.7              | 19.9              | 121.7          |
| Chicopee, . . .   | 6,280,298           | 6,388,630           | 7,715,683              | 19,219,166             | 28,699,162             | 14.2 <sup>1</sup>    | 43.2              | 51.1              | 50.2              | 349.7          |
| Fitchburg, . .    | 9,165,339           | 13,008,091          | 16,890,507             | 23,253,155             | 23,863,352             | 41.9                 | 18.3              | 77.4              | 3.1               | 161.6          |
| Pittsfield, . .   | 5,783,546           | 8,577,368           | 16,215,202             | 22,241,237             | 22,841,237             | 8.8                  | 49.1              | 22.5              | 46.2              | 320.4          |
| Chelsea, . . .    | 8,140,290           | 9,518,760           | 13,879,169             | 17,002,492             | 16,971,028             | 16.9                 | 45.8              | 22.5              | 0.2 <sup>1</sup>  | 108.5          |
| Taunton, . . .    | 11,544,180          | 13,644,566          | 16,379,821             | 16,379,821             | 15,836,512             | 25.5                 | 18.2              | 12.7              | 3.3               | 72.7           |
| Salem, . . .      | 10,711,026          | 12,202,217          | 14,576,276             | 14,576,276             | 13,662,586             | 16.5                 | 13.9              | 19.5              | 6.3 <sup>1</sup>  | 48.5           |
| Everett, . . .    | 9,195,348           | 10,711,026          | 12,202,217             | 14,576,276             | 13,662,586             | 219.0                | 198.2             | 42.6              | 51.1              | 850.4          |
| Quincy, . . .     | 3,055,338           | 3,011,960           | 8,982,446              | 10,505,403             | 12,097,452             | 1.4 <sup>1</sup>     | 26.2              | 17.0              | 15.2              | 295.9          |
| North Adams, .    | 8,331,451           | 10,741,495          | 8,035,706              | 10,314,847             | 10,922,475             | 21.6                 | 28.4              | 28.4              | 5.9               | 22.7           |
| Waltham, . . .    | 4,199,361           | 6,889,792           | 7,149,697              | 10,382,277             | 10,235,913             | 40.3                 | 21.4              | 9.3               | 31.0              | 143.8          |
| Woburn, . . .     | 5,278,915           | 4,498,865           | 7,468,949              | 10,382,277             | 9,983,632              | 14.8 <sup>1</sup>    | 66.0              | 39.0              | 8.8 <sup>1</sup>  | 89.1           |
| Beverly, . . .    | 3,006,588           | 3,781,498           | 4,101,168              | 8,652,547              | 8,774,187              | 25.8                 | 8.5               | 111.0             | 1.4               | 191.8          |
| Northampton, .    | 3,913,385           | 4,706,820           | 6,766,331              | 6,998,992              | 8,590,730              | 20.3                 | 22.3              | 21.6              | 22.6              | 119.3          |
| Gloucester, . .   | 4,733,479           | 6,392,772           | 6,920,984              | 7,733,463              | 8,433,964              | 32.9                 | 10.0              | 12.0              | 10.1              | 80.3           |
| Malden, . . .     | 6,542,307           | 6,602,462           | 11,235,635             | 8,205,862              | 8,366,344              | 0.9                  | 70.2              | 27.0 <sup>1</sup> | 2.0               | 27.9           |
| Newburyport, .    | 4,732,423           | 5,140,554           | 6,809,979              | 6,931,049              | 8,244,998              | 8.6                  | 32.5              | 1.8               | 19.0              | 74.2           |
| Newton, . . .     | 3,304,066           | 3,679,273           | 4,140,996              | 6,278,714              | 6,522,853              | 11.4                 | 12.5              | 51.6              | 7.3 <sup>1</sup>  | 76.2           |
| Woburn, . . .     | 5,286,639           | 4,002,576           | 4,654,067              | 5,408,081              | 5,517,806              | 24.3 <sup>1</sup>    | 16.3              | 16.2              | 2.0               | 4.4            |
| Medford, . . .    | 1,015,379           | 1,132,131           | 4,664,067              | 2,046,289              | 2,518,893              | 11.5                 | 28.0 <sup>1</sup> | 184.6             | 26.0              | 157.9          |
| Melrose, . . .    | 2,857,852           | 3,416,240           | 9,460,928              | 2,824,668              | 2,469,029              | 19.6                 | 176.6             | 70.1 <sup>1</sup> | 11.6 <sup>1</sup> | 13.5           |

<sup>1</sup> Decrease.

[Arranged in order of Product Value in 1914.]

| CITIES.        | 1914                   | 1913                   |
|----------------|------------------------|------------------------|
| <b>Totals,</b> | <b>\$1,217,496,216</b> | <b>\$1,216,766,343</b> |
| Boston,        | 284,802,479            | 252,222,872            |
| Worcester,     | 82,829,356             | 89,707,793             |
| Lawrence,      | 73,177,803             | 70,205,214             |
| Lynn,          | 69,783,418             | 78,947,766             |
| New Bedford,   | 65,575,005             | 69,466,482             |
| Fall River,    | 64,663,146             | 65,221,733             |
| Cambridge,     | 57,483,949             | 51,863,096             |
| Lowell,        | 56,048,641             | 59,322,088             |
| Brockton,      | 51,259,131             | 53,480,638             |
| Springfield,   | 44,428,854             | 43,509,139             |
| Holyoke,       | 44,041,155             | 45,904,797             |
| Somerville,    | 43,971,291             | 50,279,057             |
| Haverhill,     | 42,409,246             | 43,671,548             |
| Chicopee,      | 28,869,152             | 31,126,691             |
| Fitchburg,     | 23,983,852             | 24,631,246             |
| Pittsfield,    | 22,241,237             | 23,919,923             |
| Chelsea,       | 16,971,028             | 16,167,466             |
| Taunton,       | 15,885,812             | 16,282,425             |
| Salem,         | 12,652,586             | 17,344,566             |
| Everett,       | 12,219,200             | 11,603,469             |
| Quincy,        | 12,097,452             | 12,922,051             |
| North Adams,   | 10,922,575             | 10,324,309             |
| Waltham,       | 10,236,912             | 11,571,080             |
| Marlborough,   | 9,983,632              | 9,481,706              |
| Beverly,       | 8,774,187              | 7,536,281              |
| Northampton,   | 8,580,730              | 8,664,096              |
| Gloucester,    | 8,533,964              | 8,211,735              |
| Malden,        | 8,366,344              | 7,866,779              |
| Newburyport,   | 8,245,998              | 8,597,144              |
| Newton,        | 5,822,853              | 5,295,231              |
| Woburn,        | 5,517,806              | 6,025,416              |
| Medford,       | 2,618,893              | 2,633,117              |
| Melrose,       | 2,499,029              | 2,502,289              |

## METROPOLITAN BOSTON.

The data for Metropolitan Boston are given in Table I c, pages 32 to 39. The total value of product for 1914, a full and complete canvass of the industries being taken, was \$584,115,582, and the relative position of the first five cities in importance in 1909 did not change for the semidecade ending in 1914, namely, *Boston*; *Lynn*; *Cambridge*; *Somerville*; and *Chelsea*; — the sixth place was held by the town of *Watertown*, both in 1914 and 1909; *Everett* and *Quincy* exchanged places, seventh and eighth, respectively; and *Waltham* and *Malden* exchanged places, ninth and tenth, respectively, while the towns of *Weymouth* and *Wakefield*, next in order in 1914, surpassed in product value and amount paid in wages the cities of *Newton* and *Woburn*.

*Boston* advanced in product value approximately 20 per cent during the five-year period, the rate being somewhat slower than for the preceding half-decade, 1904 to 1909 (28.8 per cent), while *Lynn*, second city in importance, shows absolute loss in the value of goods produced of nearly \$2,000,000, or about two and one-half per cent. A slight loss is shown for *Chelsea*, and a decline of 7.3 and 11.5 per cent, respectively, for the cities of *Newton* and *Melrose*. Of the important industrial cities, *Cambridge* shows the greatest gain in the five-year period, upwards of \$13,000,000 or 30 per cent. Gains are also shown for *Everett* and *Waltham* of 51 and 31 per cent, respectively, as against an advance of 43 and nine per cent, respectively, in the preceding half-decade. *Quincy* shows an increase of 15 per cent as against 17 per cent in the period 1904 to 1909. The towns of *Weymouth* and *Braintree* show advance of 24.5 and 29.4 per cent, respectively, as against 34.6 and 46.4 per cent, respectively, in the semidecade ending in 1909, while substantial increase in 1914 is shown for the town of *Canton*, 96 per cent as compared with 1909.

As regards comparisons with the year 1913, *Boston* exhibited a value of product of \$252,222,872 and \$284,802,479 in 1914. This city, however, having its product value increased in 1914 by the inclusion of the complete industries *Printing and publishing*, of which it is the principal center, and also by the



value of product in *Gas (illuminating and heating)*, which industries, as already stated, were not covered in the 1913 canvass, — the apparent increase shown in 1914 should not be attributed to extended production in that year.

Of the cities in the Metropolitan District, other than Boston, *Cambridge* and *Everett* show higher product value in 1914 than in the previous year. Gains, inconsiderable in amount are also shown for *Chelsea*, *Malden*, and *Newton*. On the other hand, as compared with 1913, absolute recession is shown for the city of *Woburn* in both value of product and cost of materials used. Similar conditions are shown for *Lynn*, *Somerville*, *Medford*, *Melrose*, and *Quincy*.

Of the principal industries within the area, *Boots and shoes*, which contributed nearly \$66,000,000 to the output of the Metropolitan District in 1913, fell to \$61,322,454 in 1914, while for the allied products, *Boot and shoe cut stock and findings*, the amounts were practically identical, \$30,015,043 in 1914 as against \$29,992,718 in 1913. The *Men's clothing* industry shows a decline of about \$2,000,000 in 1914 as compared with the previous year, falling from 16 to 14 millions of dollars, the value of *Women's clothing* remaining practically stationary, \$10,672,907 in 1913 and \$10,881,225 in 1914. *Electrical machinery, apparatus, and supplies* fell off more than one-fourth in production, or from \$34,328,911 in 1913 to \$25,346,354 in 1914. *Foundry and machine-shop products*<sup>1</sup> shows decline from \$29,575,315 in 1913 to \$26,577,736 in 1914, and *Slaughtering and meat packing* fell from \$45,610,052 to \$41,866,338. The only important industries showing gains are *Confectionery*, which increased in product value from \$17,991,321 in 1913 to \$18,368,949 in 1914, and *Leather, tanned, curried, and finished*, which exhibits the slight increase from \$12,116,985 in 1913 to \$12,242,772 in 1914.

The *Printing and publishing* industry, excluding newspapers and periodicals, reported a product value of \$10,144,012 in 1913. For 1914, the total was upwards of \$35,000,000, nearly \$20,000,000 of which was returned from establishments engaged in the printing and publishing of newspapers and periodicals.

<sup>1</sup> In accordance with the grouping of the Federal Census office, the following industries are included: Foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

It is apparent, therefore, that but for this additional \$20,000,-000 in *Printing and publishing (newspapers and periodicals)* and the \$8,524,168 contributed by the industry *Gas, illuminating and heating*, the Metropolitan District, as a whole, would have shown absolute decline in 1914 as compared with the record of the previous year which, without these industries, amounted to \$560,390,104.

The data for value of product, with percentages of increase or decrease for the Census years, are given in the following table.

## METROPOLITAN BOSTON, 1895-1914.

[Arranged in order of Product Value in 1914.]

| CITIES AND TOWNS.           | VALUE OF PRODUCT    |                     |                     |                     | PER CENT OF INCREASE           |                                |                                |                                 |
|-----------------------------|---------------------|---------------------|---------------------|---------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
|                             | 1895                | 1904                | 1909                | 1914                | 1904 over<br>1895<br>(9 years) | 1909 over<br>1904<br>(5 years) | 1914 over<br>1909<br>(5 years) | 1914 over<br>1895<br>(19 years) |
| <b>Metropolitan Boston.</b> | <b>9372,150,680</b> | <b>9418,903,402</b> | <b>9810,583,337</b> | <b>9894,115,833</b> | <b>82.9</b>                    | <b>51.9</b>                    | <b>14.4</b>                    | <b>114.6</b>                    |
| Boston, . . . . .           | 130,423,010         | 184,351,163         | 237,437,472         | 284,802,479         | 41.3                           | 28.8                           | 19.9                           | 118.4                           |
| Lynn, . . . . .             | 31,720,744          | 55,003,023          | 71,503,140          | 69,783,418          | 73.4                           | 30.0                           | 2.4 <sup>1</sup>               | 130.0                           |
| Cambridge, . . . . .        | 34,246,041          | 42,407,064          | 44,227,305          | 57,483,049          | 29.3                           | 4.3                            | 30.0                           | 67.9                            |
| Somerville, . . . . .       | 14,113,045          | 22,965,197          | 33,686,537          | 43,971,391          | 62.7                           | 68.5                           | 13.7                           | 211.6                           |
| Chelsea, . . . . .          | 8,140,280           | 13,379,169          | 17,002,492          | 16,971,028          | 70.5                           | 22.6                           | 0.2 <sup>1</sup>               | 108.5                           |
| Walden, . . . . .           | 2,617,160           | 15,524,675          | 11,545,555          | 14,764,326          | 493.2                          | 25.8 <sup>1</sup>              | 27.9                           | 464.1                           |
| Everett, . . . . .          | 1,380,976           | 6,135,650           | 8,746,923           | 13,219,200          | 341.1                          | 42.6                           | 51.1                           | 880.4                           |
| Quincy, . . . . .           | 3,055,338           | 8,982,446           | 10,505,403          | 12,097,452          | 194.0                          | 17.0                           | 15.2                           | 295.9                           |
| Waltham, . . . . .          | 4,190,361           | 7,149,697           | 7,814,178           | 10,236,912          | 70.3                           | 9.3                            | 31.0                           | 143.8                           |
| Malden, . . . . .           | 6,542,307           | 11,235,635          | 8,205,833           | 8,366,344           | 71.7                           | 27.0 <sup>1</sup>              | 2.0                            | 37.9                            |
| Weymouth, . . . . .         | 4,732,718           | 4,921,955           | 6,637,163           | 8,261,041           | 4.0                            | 34.6                           | 24.5                           | 74.3                            |
| Wakfield, . . . . .         | 2,705,992           | 4,807,728           | 5,537,102           | 6,057,669           | 77.7                           | 15.0                           | 9.6                            | 132.9                           |
| Newton, . . . . .           | 3,804,066           | 4,140,996           | 6,276,714           | 5,822,553           | -25.3                          | 51.6                           | 7.3 <sup>1</sup>               | 76.2                            |
| Woburn, . . . . .           | 5,398,639           | 4,654,067           | 5,408,081           | 5,517,806           | 12.0 <sup>1</sup>              | 16.2                           | 2.0                            | 4.4                             |
| Winchester, . . . . .       | 2,153,687           | 3,180,321           | 4,094,684           | 6,169,479           | 47.7                           | 28.7                           | 26.0                           | 139.6                           |
| Brantree, . . . . .         | 1,415,270           | 2,433,576           | 3,563,147           | 4,608,791           | 72.0                           | 46.4                           | 29.4                           | 225.6                           |
| Canton, . . . . .           | 1,964,663           | 1,713,457           | 1,633,804           | 3,201,761           | 12.3 <sup>1</sup>              | 4.6 <sup>1</sup>               | 96.0                           | 63.8                            |

|              |                      |                      |                      |                   |                   |                   |                   |
|--------------|----------------------|----------------------|----------------------|-------------------|-------------------|-------------------|-------------------|
| MARION,      | 871,820              | 3,045,389            | 2,618,808            | 14.1 <sup>1</sup> | 184.6             | 28.0              | 157.9             |
| MILWAUKEE,   | 9,450,929            | 2,324,069            | 2,499,029            | 230.7             | 70.1 <sup>1</sup> | 11.5 <sup>1</sup> | 12.5 <sup>1</sup> |
| STONEHAM,    | 2,948,031            | 3,241,645            | 2,481,775            | 32.3              | 10.2              | 23.6 <sup>1</sup> | 11.3              |
| NEEDHAM,     | 688,024              | 1,432,240            | 1,914,023            | 19.2              | 108.2             | 33.6              | 231.6             |
| BROOKLINE,   | 732,845              | 533,303              | 688,502              | 31.1 <sup>1</sup> | 27.4 <sup>1</sup> | 23.7              | 38.1 <sup>1</sup> |
| ARLINGTON,   | 290,331              | 698,356              | 641,092              | 69.8              | 41.0              | 7.8 <sup>1</sup>  | 120.7             |
| WELLESLEY,   | 445,108              | 349,570              | 604,586              | 21.5 <sup>1</sup> | 73.5              | 3.4               | 40.9              |
| DEDHAM,      | 1,326,665            | 666,069              | 627,940              | 138.6             | 50.0 <sup>1</sup> | 36.1 <sup>1</sup> | 28.1 <sup>1</sup> |
| BELMONT,     | 94,433               | 109,247              | 387,443              | 53.1              | 15.7              | 254.6             | 523.3             |
| REVERE,      | 182,334              | 407,336              | 349,696              | 94.2              | 14.7              | 14.2 <sup>1</sup> | 91.3              |
| LEXINGTON,   | 112,599              | 303,224              | 336,343              | 42.5              | 89.0              | 10.9              | 198.7             |
| MILTON,      | 216,975              | 413,457              | 176,742              | 42.5              | 33.7              | 57.3 <sup>1</sup> | 18.5 <sup>1</sup> |
| HINGHAM,     | - <sup>2</sup>       | 213,415              | 166,766              | -                 | -                 | 21.9 <sup>1</sup> | -                 |
| WINTHROP,    | 39,675               | 22,516               | 77,994               | 40.7 <sup>1</sup> | 79.3              | 85.0              | 96.6              |
| SANGUO,      | 638,377              | 408,057              | 590,799              | 36.1 <sup>1</sup> | 44.8              | 88.0 <sup>1</sup> | 88.9 <sup>1</sup> |
| SWAMPSCOTT,  | 65,237               | 33,276               | 54,802               | 14.7              | 53.1 <sup>1</sup> | 55.4              | 16.4 <sup>1</sup> |
| HYDE PARK,   | 3,491,622            | 6,739,307            | 7,336,084            | 93.0              | 8.9               | -                 | -                 |
| WESTWOOD,    | - <sup>4</sup>       | - <sup>4</sup>       | 7,106                | -                 | -                 | -                 | -                 |
| Other towns, | 305,342 <sup>5</sup> | 245,441 <sup>7</sup> | 311,128 <sup>8</sup> | -                 | -                 | -                 | -                 |

<sup>1</sup> Decrease.<sup>2</sup> Included in other towns.<sup>3</sup> Included in Boston, to which city it was annexed in 1912.<sup>4</sup> Part of Dedham.<sup>5</sup> Includes Dover, Weston, and Hingham. There were no manufacturing establishments in Cohasset, Hull, and Nahant.<sup>6</sup> Includes Cohasset, Dover, Hingham, Hull and Weston. There were no manufacturing establishments in Nahant.<sup>7</sup> Includes Cohasset, Dover, Hull, Nahant, and Weston.<sup>8</sup> Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

## THE TOWNS.

The aggregate value of product for the towns of the State in 1914 was \$423,876,831, exhibiting an increase in the half-decade since 1909, — the total for that year being \$403,133,334, — of \$20,743,497, or a little over five (5.1) per cent. The towns of the State in 1913, however, notwithstanding the restricted canvass in that year, reported a product value of \$442,019,020, \$18,142,189 in excess of the subsequent census total. Absolute decline appears for the average number of wage earners as compared with the years 1909 and 1913, respectively, 170,122 and 172,243, as against 167,868 in 1914.

*Peabody* ranks first among the towns of the State in manufactures, and also has the distinction of being the chief center of the leather tanning and finishing industry in the country. The product value in 1914 for All Industries was \$18,441,906 as against \$15,548,732 in 1909. *Attleborough* and *North Attleborough*, centers of the jewelry industry in Massachusetts, had a combined product in 1914 of \$18,814,609, exhibiting absolute decrease over the product five years ago which was \$21,580,407, and over the product value reported for 1913 which amounted to \$23,187,661. *Plymouth*, associated with the manufacture of Cordage and twine, exhibited a total product of \$13,904,545, as against \$11,618,020 in 1909, and a decline as compared with 1913, when the product value reported was \$14,374,254. The town of *Leominster*, practically stationary, had a product value of \$10,838,024 in 1914 as against \$10,530,815 in 1909. In 1913, the total value of product registered was \$10,072,551. The value of product in *Watertown*, exclusive of the work done at the United States Arsenal, rose from \$11,545,555 in 1909 to \$14,764,326 in 1914, or an increase of 27.9 per cent, but as compared with 1913 a decline appears, the value of product registered in that year being \$15,153,987. The towns of *Norwood* and *Easthampton* are the only other municipalities having a product value in excess of \$10,000,000 in 1914, and of these the town of *Norwood*, where leather tanning and finishing and the manufacture of paper are the principal industries, shows a substantial increase in the last half-decade, the product in 1914 being \$10,897,834 as against

\$5,005,783 in 1909. *Easthampton*, whose textile industries are of chief importance, shows a product value in 1914 of \$10,019,360 as against \$8,466,082 in 1909.

#### CHARACTER OF OWNERSHIP.

Table II, pages 48 to 51, gives data regarding character of ownership for 20 selected industries and for All Industries, from which it appears that the great bulk of the manufacturing business of the State is carried on under the corporate form of management and that the tendency is towards still further consolidation. Of the total output in 1914, \$1,641,373,047, 82 per cent, or more than four-fifths, was produced in establishments operated by corporations, as against 79.4 per cent five years ago and these corporations employed 82.9 per cent of the total number of wage earners in 1914, as against 80.1 per cent in 1909. Establishments conducted under individual ownership had seven per cent of the wage-earners and produced seven per cent of the total output, or \$117,430,275, in 1914, — while partnerships and other forms of business management produced a slightly larger amount, \$174,131,395, — 10.6 per cent of the total output, — and employed 9.8 per cent of the wage-earners in manufacturing industries in 1914.

The *value added by manufacture*, shown in the last column of the table, is obtained by deducting, from the gross product, the value of stock and materials used. In other words, it is the result of the combination of three factors, namely, — the amount of capital invested, the amount disbursed in wages, and the amount paid for management. This *added value*, in 1914, for All Industries, was \$709,989,254. The rank of the leading industries, measured by *added value*, somewhat different from their rank measured by *gross value*, is as follows:

| <i>Added Value.</i>                                | <i>Gross Value.</i>                                |
|--|--|
| 1. Boots and shoes.                                | 1. Boots and shoes.                                |
| 2. Cotton goods, including cotton small wares.     | 2. Cotton goods, including cotton small wares.     |
| 3. Foundry and machine-shop products.              | 3. Woolen and worsted goods, including felt goods. |
| 4. Woolen and worsted goods, including felt goods. | 4. Foundry and machine-shop products.              |
| 5. Printing and publishing.                        | 5. Printing and publishing.                        |
| 6. Electrical machinery, apparatus, and supplies.  | 6. Slaughtering and meat packing.                  |
| 7. Paper and wood pulp.                            | 7. Leather, tanned, curried, and finished.         |
| 8. Leather, tanned, curried, and finished.         | 8. Electrical machinery, apparatus, and supplies.  |
|  | 9. Paper and wood pulp.                            |

It will be noted that the rank of Boots and shoes and Cotton goods, measured by *added value*, is unchanged, first and second, respectively. Foundry and machine-shop products and Woolen and worsted goods exchanged places, third and fourth, respectively; Electrical machinery, apparatus, and supplies rises from eighth to sixth position; and Paper and wood pulp displaces Leather, tanned, curried, and finished, for while the gross value of product is similar, \$43,352,545 and \$45,265,434, respectively, the *added value* in the paper industry is \$16,741,797 and only \$12,071,373 in Leather. The *added value* in Printing and publishing, fifth in rank, was \$39,377,000, but this is due to the necessarily high overhead charge for educational work, peculiar to the industry, which must be paid for in the form of salaries; and, as previously stated, to the relatively large amount received for advertising. Slaughtering and meat packing loses rank as a *leading* industry and falls to 21st place among the industries of the State.

The value added by manufacture formed about 60 per cent of the total output in both Foundry and machine-shop products and Electrical machinery, apparatus, and supplies, indicating the importance of the labor factor in these industries and the relatively less important position of the cost of stock and materials used. In Boots and shoes and Cotton goods the added value is approximately 40 per cent of the total; in Paper and wood pulp, 38.6 per cent; in Woolen and worsted goods, 36.3 per cent; and in Leather, tanned, curried, and finished, 26.6 per cent.

#### EMPLOYMENT: BY MONTHS.

The average number of wage-earners in All Industries in 1914 as shown in Table I a, pages 2-10, aggregated 606,698. On January 15, 1914, 626,776 wage-earners were reported, the number increasing to 628,535 in February and attaining the maximum, 633,583 in March. From this point, the curve of employment tends continuously downward, until, in the month of August, at the outbreak of the European War, 588,703 wage-earners appear, a decline as compared with the maximum shown in March, of 44,880, or a little over seven per cent. A very slight recovery appears for September and October but a decline again in November, lower than before, while the month of

December, 1914, with 580,489 wage-earners, exhibits the greatest variation from the maximum, and consequently the greatest percentage of unemployment during the Census year, and greater also than for any year since the industrial depression of 1908, as appears from the chart opposite page xlv.

For *Boots and shoes*, the maximum of employment appears in the month of January, 82,818 wage earners employed, the percentages of decline ranging from 0.2 per cent in February to 10.6 in September, and in October the lowest point for the year was reached, the number employed on the 15th of that month, 72,023, being about 87 per cent of the maximum, or equivalent to 13 per cent of unemployment, and showing only a slight tendency to recovery up to December, when there were 75,478 wage earners employed.

For *Cotton goods, including Cotton small wares*, January being the month of maximum employment, 118,455, the curve of employment tends steadily downward through each month of the year, the lowest point being reached in August, 109,008, with about eight per cent of unemployment and only partial recovery in the last quarter, ending in December with the employment of 110,634 wage-earners.

In *Woolen and worsted goods*, on the contrary, beginning in January with 51,610 wage earners, increase is shown for each month, the maximum appearing in April, 57,036, continuing at a fairly high level until the month of December when a sharp drop to 47,187 wage-earners appears, equivalent to 17 per cent of unemployment.

The industry *Paper and wood pulp* exhibits fairly regular employment throughout the year, the fluctuations from the maximum, 13,658 wage earners, being but slight, and exhibiting corresponding percentages of unemployment ranging from less than one per cent in March to a little over four per cent in August.

*Leather, tanned, curried, and finished*, shows maximum employment in February, 10,931 wage earners, and minimum in August, 9,197 wage earners, or approximately 16 per cent of unemployment. As in the other industries, greater fluctuations appear during the last six months than for the earlier half of the year, with improvement in conditions during November and December.



Employment in the industry *Electrical machinery, apparatus, and supplies* ranged from 18,644 wage earners in January, the month of maximum employment, to 15,126 in December, in which month employment was only 81 per cent of the maximum. Employment in this industry fell off appreciably below the level of 1913, when the maximum was 23,473 and the minimum 20,324.

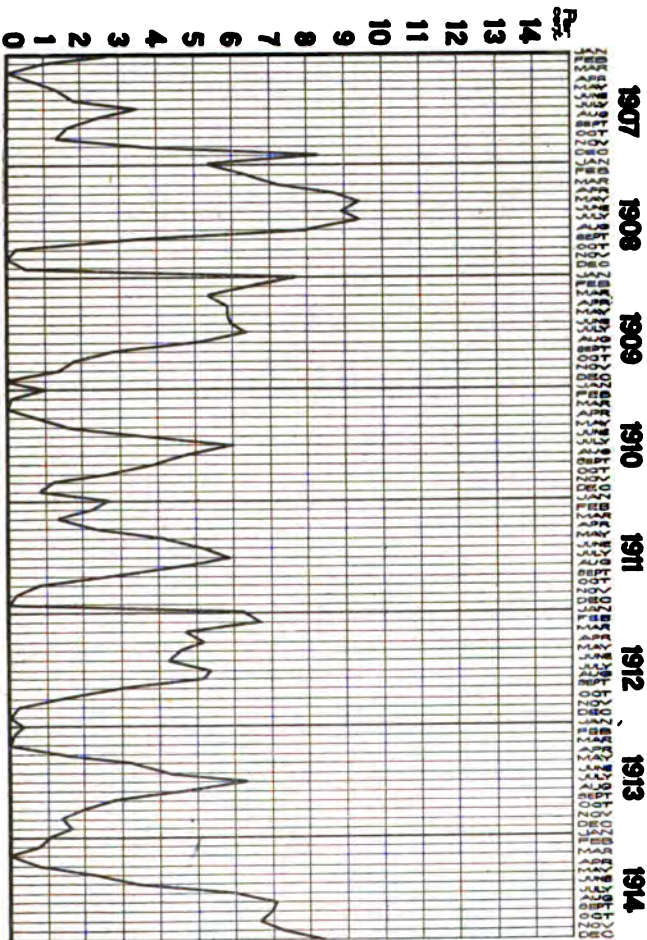
#### CLASSIFIED WEEKLY WAGES.

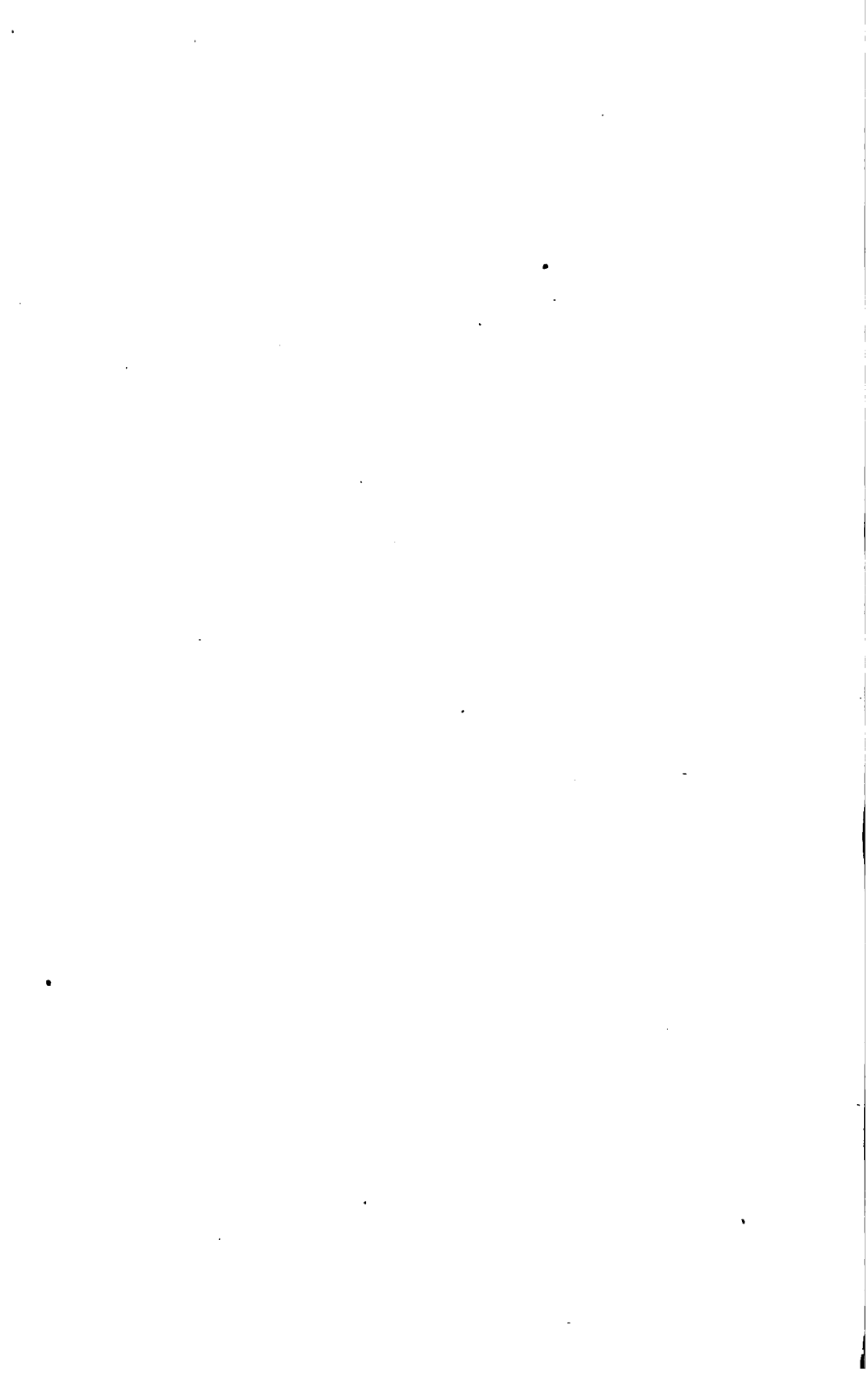
Table IV, pages 62 to 103, presents classified weekly wages for 1914. This inquiry was not included in the scope of the Census schedule, but was considered sufficiently important to be taken up by separate canvass by the Massachusetts Bureau in order to preserve the continuity of the reports from year to year and to supply information upon a subject which is of general interest. The data were reported, generally, for the week of greatest employment and for All Industries relate to 630,186 wage-earners, of whom, 411,115, or 65.2 per cent were adult males; 175,134, or 27.8 per cent, adult females; and 43,937, or seven per cent, young persons under 18 years of age. Considering each of these numbers as 100 per cent, we find that *of the adult males* (411,115) 31,202 wage-earners, or 7.5 per cent were paid rates less than \$8 per week; 226,931 wage-earners, or 55.2 per cent were paid rates between \$8 and \$15; and 152,982 wage-earners, or 37.3 per cent, were paid \$15 and over. The corresponding percentages for the year 1913 were 8.2, 56.7, and 35.1, respectively. *Of the adult females* (175,134) 64,809, or 36.9 per cent were paid rates less than \$8 per week; 102,905, or 58.8 per cent between \$8 and \$15; and 7,420, or 4.3 per cent \$15 and over. The corresponding percentages for 1913 were 39.9, 56.1, 4.0, respectively. *Of the young persons under 18 years of age* in All Industries (43,937) 35,605, or 81.1 per cent were paid rates less than \$8 per week; 8,193, or 18.6 per cent between \$8 and \$15; and 139, or 0.3 per cent \$15 and over. Bringing together the figures for the leading industries, and for All Industries, reduced to percentages, and divided into three main groups, namely, under \$8, \$8 to \$15, and \$15 and over, considered for convenience of reference as low, medium, and high, we have the following:

# UNEMPLOYMENT

## IN MANUFACTURING INDUSTRIES

## DEVIATION FROM THE MAXIMUM EMPLOYMENT





| ALL INDUSTRIES.                                       |                       |                      |                      | Electrical Machinery, Apparatus, and Supplies. |                       |                      |                      |
|---|-----------------------|----------------------|----------------------|--|-----------------------|----------------------|----------------------|
| YEARS.  | PERCENTAGES           |                      |                      | YEARS.   | PERCENTAGES           |                      |                      |
|   | Wages under \$8 (Low) | \$8 to \$15 (Medium) | \$15 and over (High) |  | Wages under \$8 (Low) | \$8 to \$15 (Medium) | \$15 and over (High) |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                            |                       |                      |                      |
| 1913, (446,530), . . .                                | 8.2                   | 56.7                 | 35.1                 | 1913, (18,446), . . .                          | 2.9                   | 50.4                 | 46.7                 |
| 1914, (411,118), . . .                                | 7.5                   | 55.2                 | 37.3                 | 1914, (12,929), . . .                          | 3.4                   | 51.6                 | 45.0                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                          |                       |                      |                      |
| 1913, (189,743), . . .                                | 39.9                  | 55.1                 | 4.0                  | 1913, (3,065), . . .                           | 37.4                  | 61.9                 | 0.7                  |
| 1914, (175,134), . . .                                | 36.9                  | 58.8                 | 4.3                  | 1914, (2,638), . . .                           | 36.7                  | 62.5                 | 0.8                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>   |                       |                      |                      |
| 1913, (57,298), . . .                                 | 82.6                  | 17.2                 | 0.2                  | 1913, (2,400), . . .                           | 76.7                  | 21.7                 | 1.6                  |
| 1914, (43,937), . . .                                 | 81.1                  | 18.6                 | 0.3                  | 1914, (1,793), . . .                           | 47.0                  | 50.6                 | 2.4                  |
| <b>Boots and Shoes.</b>                               |                       |                      |                      | <b>Leather Tanned, Curried, and Finished.</b>  |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                            |                       |                      |                      |
| 1913, (56,520), . . .                                 | 5.2                   | 39.6                 | 55.2                 | 1913, (11,618), . . .                          | 5.0                   | 71.0                 | 24.0                 |
| 1914, (50,158), . . .                                 | 4.2                   | 40.6                 | 55.2                 | 1914, (10,124), . . .                          | 5.4                   | 71.0                 | 23.6                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                          |                       |                      |                      |
| 1913, (29,201), . . .                                 | 20.0                  | 66.5                 | 13.5                 | 1913, (171), . . .                             | 47.9                  | 52.1                 | -                    |
| 1914, (25,044), . . .                                 | 17.9                  | 69.1                 | 13.0                 | 1914, (166), . . .                             | 62.1                  | 34.9                 | 3.0                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>   |                       |                      |                      |
| 1913, (6,828), . . .                                  | 76.9                  | 22.6                 | 0.5                  | 1913, (247), . . .                             | 65.6                  | 34.4                 | -                    |
| 1914, (4,847), . . .                                  | 74.4                  | 25.0                 | 0.6                  | 1914, (143), . . .                             | 67.1                  | 32.9                 | -                    |
| <b>Cotton Goods.</b>                                  |                       |                      |                      | <b>Paper and Wood Pulp.</b>                    |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                            |                       |                      |                      |
| 1913, (59,550), . . .                                 | 24.5                  | 64.1                 | 11.4                 | 1913, (10,281), . . .                          | 0.9                   | 75.3                 | 23.8                 |
| 1914, (53,150), . . .                                 | 22.9                  | 64.5                 | 12.6                 | 1914, (10,026), . . .                          | 0.7                   | 74.3                 | 25.0                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                          |                       |                      |                      |
| 1913, (48,717), . . .                                 | 37.9                  | 61.8                 | 0.3                  | 1913, (4,438), . . .                           | 60.1                  | 39.7                 | 0.2                  |
| 1914, (42,325), . . .                                 | 35.4                  | 64.2                 | 0.4                  | 1914, (4,374), . . .                           | 56.2                  | 43.0                 | 0.8                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>   |                       |                      |                      |
| 1913, (13,676), . . .                                 | 79.8                  | 20.2                 | -                    | 1913, (471), . . .                             | 77.1                  | 22.9                 | -                    |
| 1914, (10,062), . . .                                 | 82.1                  | 17.9                 | -                    | 1914, (287), . . .                             | 57.9                  | 35.1                 | 7.0                  |
| <b>Foundry and Machine-Shop Products.<sup>1</sup></b> |                       |                      |                      | <b>Woolen and Worsted Goods.</b>               |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                            |                       |                      |                      |
| 1913, (49,052), . . .                                 | 4.0                   | 54.7                 | 41.3                 | 1913, (32,552), . . .                          | 11.6                  | 69.6                 | 18.8                 |
| 1914, (40,098), . . .                                 | 3.8                   | 52.6                 | 43.6                 | 1914, (30,442), . . .                          | 14.2                  | 67.0                 | 18.8                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                          |                       |                      |                      |
| 1913, (869), . . .                                    | 52.4                  | 45.7                 | 1.9                  | 1913, (20,486), . . .                          | 41.1                  | 56.0                 | 2.9                  |
| 1914, (927), . . .                                    | 36.8                  | 56.7                 | 6.5                  | 1914, (20,519), . . .                          | 39.1                  | 57.2                 | 3.7                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>   |                       |                      |                      |
| 1913, (1,947), . . .                                  | 80.5                  | 19.5                 | -                    | 1913, (7,339), . . .                           | 83.7                  | 16.2                 | 0.1                  |
| 1914, (1,213), . . .                                  | 77.3                  | 22.1                 | 0.6                  | 1914, (6,399), . . .                           | 84.2                  | 15.8                 | -                    |

<sup>1</sup> Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

From an examination of the foregoing data, it is apparent that the proportion of wage earners in the high wage group is fairly constant, and that, while there is much mobility between the low and the medium wage groups, there is an increasing tendency towards smaller percentages in the low wage classes and correspondingly higher percentages in the classes paid the medium rates. For young persons under 18 years of age, \$5 to \$6 and \$6 to \$7 are the rates most frequently recurring, the wage-earners being necessarily beginners, often working 48 hours or less per week. The greatest variation in percentages is shown for the industry Electrical machinery, apparatus, and supplies, in which the proportion of young persons in the medium wage group rose from 21.7 per cent in 1913 to 50.6 per cent in 1914, a correspondingly smaller proportion, 47 per cent, being in the low wage group as against 76.7 in the preceding year.

The percentages in detail, based on the figures in Table IV, pages 62 to 103, for wage classes under \$3 to \$25 and over, for 1914, are given for seven of the principal industries and for All Industries as follows:

**All Industries.**

[illegible]

### Boots and Shoes (Exclusive of Cut Stock and Findings).

[illegible]

Less than one-tenth of one per cent.

**Cotton Goods.**

[illegible]

**Electrical Machinery, Apparatus, and Supplies.**

|   |        |     |     |     |      |      |      |       |       |       |       |       |       |       |       |       |     |     |     |
|---|--------|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| <b>Totals,</b>                                | 17,360 | 9   | 14  | 126 | 554  | 715  | 833  | 1,342 | 1,351 | 1,004 | 1,163 | 1,314 | 1,080 | 1,213 | 2,401 | 1,161 | 543 | 358 | 198 |
| <i>Per cent,</i>                              | 100    | 1   | 0.1 | 0.7 | 3.2  | 4.1  | 4.8  | 7.7   | 11.0  | 5.8   | 6.7   | 7.6   | 6.3   | 7.0   | 13.8  | 6.7   | 3.1 | 2.1 | 1.2 |
| <b>Males (18 years and over),</b>             | 12,929 | -   | 1   | 4   | 80   | 127  | 227  | 424   | 1,078 | 854   | 1,057 | 1,270 | 1,043 | 1,184 | 2,380 | 1,148 | 543 | 358 | 198 |
| <i>Per cent,</i>                              | 100    | -   | 1   | 1   | 0.6  | 1.0  | 1.8  | 3.3   | 8.3   | 7.4   | 8.3   | 9.8   | 8.1   | 9.2   | 18.4  | 8.9   | 4.3 | 2.8 | 1.5 |
| <b>Females (18 years and over),</b>           | 2,685  | 8   | 5   | 43  | 254  | 322  | 337  | 453   | 562   | 324   | 188   | 76    | 26    | 21    | 16    | 3     | 1   | -   | -   |
| <i>Per cent,</i>                              | 100    | 0.3 | 0.3 | 1.6 | 9.6  | 12.2 | 13.8 | 17.1  | 21.3  | 12.5  | 7.1   | 2.9   | 1.0   | 0.8   | 0.6   | 0.1   | 0.1 | -   | -   |
| <b>Young persons (under 18 years of age),</b> | 1,763  | 1   | 8   | 79  | 230  | 266  | 269  | 406   | 272   | 73    | 43    | 20    | 18    | 15    | 13    | 18    | 12  | -   | -   |
| <i>Per cent,</i>                              | 100    | 0.1 | 0.4 | 4.4 | 13.3 | 14.8 | 15.0 | 23.0  | 15.5  | 4.1   | 2.4   | 1.1   | 1.0   | 0.8   | 0.7   | 1.0   | 0.7 | -   | -   |

Foundry and Machine-Shop Products.

|  |        |     |     |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Totals,                                | 42,238 | 6   | 38  | 180  | 522  | 935  | 1,134 | 2,561 | 3,762 | 3,438 | 3,184 | 3,764 | 3,251 | 1,927 | 3,301 | 4,265 | 4,980 | 2,272 | 1,488 | 1,230 |
| Per cent,                              | 100    | 1   | 0.1 | 0.4  | 1.3  | 2.2  | 2.7   | 6.1   | 8.9   | 8.2   | 7.5   | 8.9   | 7.7   | 4.6   | 7.8   | 10.1  | 11.8  | 5.4   | 3.5   | 2.9   |
| Males (18 years and over),             | 40,008 | -   | 2   | 45   | 106  | 204  | 708   | 2,257 | 3,556 | 3,321 | 3,126 | 3,701 | 3,220 | 1,912 | 3,265 | 4,233 | 4,973 | 2,305 | 1,486 | 1,227 |
| Per cent,                              | 100    | -   | 0.1 | 0.4  | 1.5  | 2.0  | 5.0   | 5.6   | 8.9   | 8.3   | 7.8   | 9.2   | 8.0   | 4.8   | 8.1   | 10.0  | 12.4  | 5.7   | 3.7   | 3.1   |
| Females (18 years and over),           | 927    | -   | 2   | 11   | 33   | 121  | 119   | 168   | 180   | 87    | 44    | 55    | 29    | 13    | 35    | 10    | 6     | 4     | 2     | 3     |
| Per cent,                              | 100    | -   | 0.3 | 1.3  | 0.5  | 13.1 | 12.3  | 18.1  | 14.0  | 9.4   | 4.8   | 5.9   | 3.1   | 1.4   | 3.8   | 1.1   | 0.7   | 0.4   | 0.3   | 0.3   |
| Young persons (under 18 years of age), | 1,213  | 6   | 34  | 124  | 263  | 289  | 217   | 136   | 76    | 30    | 14    | 8     | 2     | 2     | 1     | 2     | 1     | 3     | -     | -     |
| Per cent,                              | 100    | 0.5 | 2.8 | 10.3 | 22.1 | 23.8 | 17.9  | 11.3  | 6.3   | 2.5   | 1.1   | 0.5   | 0.3   | 0.3   | 0.1   | 0.3   | 0.1   | 0.3   | -     | -     |

Leather, Tanned, Curried, and Finished.

|  |        |   |     |     |      |      |      |      |       |       |     |       |     |     |     |     |     |     |     |     |
|--|--------|---|-----|-----|------|------|------|------|-------|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Totals,                                | 10,433 | - | 3   | 34  | 38   | 159  | 510  | 880  | 1,009 | 1,968 | 906 | 1,066 | 400 | 392 | 637 | 510 | 487 | 373 | 224 | 159 |
| Per cent,                              | 100    | - | 0.3 | 0.4 | 0.4  | 1.5  | 4.9  | 8.4  | 10.0  | 19.0  | 8.7 | 10.2  | 3.8 | 3.8 | 6.1 | 4.9 | 4.7 | 3.6 | 2.2 | 1.5 |
| Males (18 years and over),             | 10,124 | - | 3   | 25  | 16   | 67   | 434  | 824  | 1,643 | 1,975 | 900 | 1,060 | 400 | 392 | 633 | 510 | 496 | 373 | 224 | 159 |
| Per cent,                              | 100    | - | 0.3 | 0.3 | 0.2  | 0.7  | 4.3  | 8.1  | 16.3  | 19.5  | 8.9 | 10.5  | 3.9 | 3.9 | 6.3 | 5.0 | 4.8 | 3.7 | 2.2 | 1.5 |
| Females (18 years and over),           | 166    | - | 1   | 14  | 41   | 47   | 35   | 6    | 8     | 8     | 3   | 5     | -   | -   | 4   | -   | 1   | -   | -   | -   |
| Per cent,                              | 100    | - | 0.6 | 8.5 | 24.7 | 28.3 | 21.7 | 3.6  | 4.8   | 4.8   | 1.8 | 3.0   | -   | -   | 2.4 | -   | 0.6 | -   | -   | -   |
| Young persons (under 18 years of age), | 143    | - | 8   | 8   | 8    | 51   | 29   | 20   | 20    | 3     | 3   | 1     | -   | -   | -   | -   | -   | -   | -   | -   |
| Per cent,                              | 100    | - | 5.6 | 5.6 | 5.6  | 35.6 | 20.3 | 14.0 | 14.0  | 2.1   | 2.1 | 0.7   | -   | -   | -   | -   | -   | -   | -   | -   |

<sup>1</sup> Less than one-tenth of one per cent.





Slaughtering and Meat Packing, including Sausage.

|  |       |   |     |      |      |      |      |      |       |      |      |     |     |     |     |     |     |     |     |
|--|-------|---|-----|------|------|------|------|------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Totals, . . . . .                                | 4,073 | - | 3   | 23   | 36   | 41   | 44   | 236  | 1,141 | 536  | 541  | 306 | 256 | 219 | 307 | 240 | 71  | 38  | 97  |
| Per cent, . . . . .                              | 100   | - | 0.1 | 0.6  | 0.6  | 1.0  | 1.1  | 7.0  | 28.0  | 13.3 | 13.3 | 7.6 | 6.5 | 5.4 | 5.1 | 5.9 | 1.7 | 0.9 | 2.4 |
| Males (18 years and over), . . . . .             | 3,944 | - | -   | -    | 2    | 12   | 30   | 263  | 1,123 | 535  | 540  | 305 | 256 | 219 | 307 | 239 | 71  | 38  | 97  |
| Per cent, . . . . .                              | 100   | - | -   | -    | -    | -    | -    | 6.7  | 28.0  | 13.0 | 13.0 | 7.7 | 6.5 | 5.5 | 5.9 | 6.1 | 1.8 | 1.0 | 2.3 |
| Females (18 years and over), . . . . .           | 59    | - | 1   | 15   | 10   | 16   | 3    | 4    | 7     | -    | 1    | 1   | -   | -   | -   | 1   | -   | -   | -   |
| Per cent, . . . . .                              | 100   | - | 1.7 | 26.4 | 16.9 | 27.1 | 6.1  | 6.8  | 11.9  | -    | 1.7  | 1.7 | -   | -   | -   | 1.7 | -   | -   | -   |
| Young persons (under 18 years of age), . . . . . | 70    | - | 2   | 7    | 14   | 13   | 11   | 16   | 6     | 1    | -    | -   | -   | -   | -   | -   | -   | -   | -   |
| Per cent, . . . . .                              | 100   | - | 2.9 | 10.0 | 20.0 | 18.8 | 15.7 | 23.8 | 8.6   | 1.4  | -    | -   | -   | -   | -   | -   | -   | -   | -   |

Woolen and Worsted Goods.

|  |        |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
|--|--------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| Totals, . . . . .                                | 57,360 | 12  | 50  | 537 | 1,685 | 6,314 | 9,308 | 9,963 | 6,534 | 4,426 | 3,694 | 3,492 | 2,963 | 2,000 | 2,104 | 2,132 | 1,133 | 535 | 279 | 256 |
| Per cent, . . . . .                              | 100    | 1   | 0.1 | 1.0 | 2.9   | 10.8  | 16.0  | 17.4  | 11.4  | 7.7   | 6.4   | 6.1   | 5.2   | 3.7   | 3.7   | 3.7   | 2.0   | 0.9 | 0.5 | 0.5 |
| Males (18 years and over), . . . . .             | 30,443 | -   | -   | 60  | 184   | 1,263 | 2,567 | 5,514 | 3,943 | 2,480 | 2,300 | 2,367 | 2,347 | 1,645 | 1,793 | 1,943 | 1,029 | 503 | 274 | 233 |
| Per cent, . . . . .                              | 100    | -   | -   | 0.2 | 0.6   | 4.1   | 9.4   | 13.1  | 13.0  | 8.1   | 7.3   | 7.3   | 7.4   | 5.4   | 5.9   | 6.1   | 3.4   | 1.7 | 0.9 | 0.3 |
| Females (18 years and over), . . . . .           | 20,519 | -   | 1   | 86  | 687   | 2,619 | 4,651 | 3,908 | 2,383 | 1,851 | 1,400 | 1,087 | 712   | 444   | 322   | 289   | 94    | 32  | 5   | 3   |
| Per cent, . . . . .                              | 100    | -   | 1   | 0.4 | 3.8   | 15.8  | 22.7  | 19.0  | 11.1  | 9.0   | 7.1   | 5.3   | 3.6   | 3.8   | 1.6   | 1.4   | 0.6   | 0.3 | 1   | 1   |
| Young persons (under 18 years of age), . . . . . | 6,399  | 12  | 49  | 441 | 894   | 2,333 | 1,684 | 566   | 294   | 94    | 94    | 18    | 9     | 1     | -     | -     | -     | -   | -   | -   |
| Per cent, . . . . .                              | 100    | 0.2 | 0.3 | 6.9 | 12.6  | 26.8  | 26.8  | 8.8   | 4.6   | 1.6   | 0.5   | 0.3   | 0.1   | 1     | -     | -     | -     | -   | -   | -   |

: Less than one-tenth of one per cent.

## DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in Table V a, pages 104 to 106, and by cities and towns, Table V b, pages 106 and 107, — the number of possible working days in 1914, exclusive of 52 Sundays and eight holidays, being 305. From the data presented it appears that the average running time for All Industries in 1914 was 280 days. If we allow two weeks, or 12 days, for ordinary shut downs for vacations and repairs, and assume a normal running time for manufacturing establishments of 293 days, it becomes evident that the time in operation of 280 days, shown for 1914, was considerably below the normal.

In some of the leading industries running time for the year appears as follows: *Boots and shoes*, 277 days; *Cotton goods*, 289 days; *Woolen and worsted goods*, 272 days; *Paper and wood pulp*, 258 days; *Leather, tanned, curried, and finished*, 274 days; *Electrical machinery, apparatus, and supplies*, 284 days. The presentation by cities, exhibits average running time in the manufacturing establishments of *Boston* of 293 days; *Worcester*, 287 days; *Cambridge*, 290 days; *Brockton*, 285 days; *Lynn*, 290 days; *New Bedford*, 295 days; *Fall River*, 285 days; *Lawrence*, 300 days; and *Lowell*, 288 days.

## LAUNDRIES.

The statistics for *laundries*, separately presented, will be found in Table VI. They include data for all laundries operated by power, whether steam or electric, the volume of work done in 1914, — an average of 7,771 wage earners finding employment in the industry, — being \$8,661,830, — an increase over 1909, — 5,958 wage earners being employed and the value of work done amounting to \$5,754,572, — of \$2,907,258, or 50.5 per cent. As compared with the returns for 1913, however, notwithstanding the lower prices prevailing for certain classes of work, in that year, a decline is noted, the volume of work in 1913 aggregating \$8,781,826, and the average number of wage-earners 8,160.

Comparative figures for the State for the three years are brought together in the following table: —

|   | 1914        | 1913        | 1908        |
|---|-------------|-------------|-------------|
| Number of establishments, . . . . .       | 391         | 377         | 280         |
| Capital invested, . . . . .               | \$4,695,798 | \$4,542,313 | \$2,951,025 |
| Stock used, . . . . .                     | \$1,391,900 | \$1,259,655 | \$903,845   |
| Average number of wage-earners, . . . . . | 7,771       | 8,160       | 5,958       |
| Wages paid, . . . . .                     | \$3,721,400 | \$3,884,570 | \$2,582,593 |
| Value of work done, . . . . .             | \$8,661,830 | \$8,781,826 | \$5,754,573 |

## CONCLUSION.

The year 1914 will be remembered as a period of almost complete industrial stagnation. A depression bidding fair to rival that of 1908 had already set in during the Spring, as the percentages of unemployment, compared month by month, for the balance of the year, with the maximum employment shown in March, clearly indicate; and by the absolute decrease of more than 17 millions of dollars in product value as compared with 1913, notwithstanding the fact that the returns in that year, in particular industries, had not, as stated, the completeness of a full Census canvass. The outbreak of the European War served, at first, and especially in so far as the year 1914 was concerned, only to intensify the depression, although, later, in the year 1915, the demand for machine-shop products and other merchandise which the war entailed, provided an abundant source of activity in many industries as will be shown in the report for that year, which I hope to be able to issue shortly.

As in former years when the United States Census Office has taken a Manufactures Census for the country, the federal authorities and this Bureau have co-operated in gathering these statistics of Massachusetts manufactures for the year 1914 with a view to avoiding duplication of work; and cordial acknowledgment is accordingly here made for courtesies extended by the federal Census Bureau, especially in the matter of furnishing copies of its original tabulations, which have been used in making the compilations for this report.

CHARLES F. GETTEMY,  
*Director, Bureau of Statistics.*



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**TABULAR PRESENTATIONS.**  
**1914.**

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TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914.

## A. THE STATE: BY INDUSTRIES.

| Industries.                              | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>THE STATE.</b>                        |                          |                  |                                   |                                      |                                |                  |
| Agricultural implements,                 | 12,012                   | \$1,542,960,733  | \$331,333,793                     | \$241,300,517                        | 696,606                        | \$1,641,373,947  |
| Artificial limbs,                        | 4                        | 835,645          | 298,523                           | 190,228                              | 325                            | 552,381          |
| Artificial stone products,               | 8                        | 32,680           | 17,588                            | 11,265                               | 18                             | 52,028           |
| Automobiles, including bodies and parts, | 55                       | 526,836          | 194,431                           | 226,212                              | 324                            | 599,753          |
| Automobile repairing,                    | 66                       | 9,774,929        | 5,642,432                         | 3,016,276                            | 3,439                          | 11,198,790       |
|  | 86                       | 463,848          | 216,890                           | 299,218                              | 348                            | 788,975          |
| Awnings, tents, and sails,               | 58                       | 424,202          | 543,430                           | 223,564                              | 366                            | 1,025,760        |
| Baskets, and rattan and willow ware,     | 15                       | 136,201          | 129,176                           | 59,489                               | 122                            | 249,911          |
| Batting, leather,                        | 20                       | 5,852,158        | 4,980,240                         | 764,181                              | 1,113                          | 7,297,476        |
| Batting and hose, woven,                 | 6                        | 906,033          | 602,531                           | 98,690                               | 133                            | 942,180          |
| Billiard tables and materials,           | 6                        | 145,239          | 108,887                           | 32,818                               | 43                             | 200,334          |
| Blacking, stains, and dressings,         | 59                       | 1,298,724        | 1,766,379                         | 262,293                              | 506                            | 3,199,141        |
| Bookbinding and blank-book making,       | 96                       | 3,927,259        | 1,524,735                         | 1,839,465                            | 3,317                          | 4,943,081        |
| Boot and shoe cut stock and findings,    | 420                      | 23,784,297       | 43,916,156                        | 4,393,971                            | 8,170                          | 54,068,155       |
| Boots and shoes,                         | 464                      | 92,233,524       | 130,325,680                       | 46,743,858                           | 76,944                         | 200,329,538      |
| Boots and shoes, rubber,                 | 9                        | 23,027,061       | 10,464,835                        | 4,468,411                            | 8,087                          | 23,768,788       |
| Boxes, cigar,                            | 5                        | 267,912          | 182,066                           | 91,583                               | 188                            | 339,245          |
| Boxes, fancy and paper,                  | 97                       | 4,097,236        | 3,671,873                         | 1,898,498                            | 4,244                          | 7,084,975        |
| Boxes, wooden packing,                   | 91                       | 6,216,604        | 4,776,269                         | 1,640,876                            | 2,995                          | 7,710,614        |

|  |       |            |            |           |       |            |
|--|-------|------------|------------|-----------|-------|------------|
| Bronze, brass, and copper products, . . . . .  | 73    | 3,979,238  | 3,714,796  | 1,063,053 | 1,030 | 5,938,803  |
| Bread and other bakery products, . . . . .   | 1,419 | 13,775,446 | 13,271,148 | 4,866,068 | 8,083 | 23,309,061 |
| Brick and tile, <sup>1</sup> . . . . .   | 46    | 2,196,865  | 416,977    | 680,047   | 1,124 | 1,483,962  |
| Brooms, . . . . .  | 26    | 218,476    | 231,980    | 61,866    | 121   | 406,596    |
| Brushes, . . . . .   | 29    | 3,359,105  | 2,331,410  | 717,148   | 1,437 | 3,910,039  |
| Butter, . . . . .  | 17    | 133,607    | 697,465    | 21,491    | 33    | 813,783    |
| Buttons, . . . . .   | 14    | 1,241,996  | 276,647    | 230,445   | 485   | 727,707    |
| Canning and preserving, . . . . .  | 65    | 5,038,113  | 5,603,741  | 866,327   | 1,903 | 8,169,014  |
| Card cutting and designing, . . . . .  | 4     | 15,925     | 5,766      | 2,147     | 5     | 16,347     |
| Carpets and rugs, other than rag, . . . . .  | 12    | 13,841,208 | 6,668,260  | 2,333,790 | 5,319 | 10,961,344 |
| Carpets, rag, . . . . .  | 21    | 55,573     | 23,575     | 50,743    | 106   | 136,623    |
| Carriages and sleds, children's, . . . . .   | 8     | 1,594,638  | 1,460,457  | 660,284   | 1,175 | 2,644,414  |
| Carriages and wagons, and materials, . . . . .   | 149   | 2,866,582  | 1,080,106  | 709,379   | 1,245 | 2,637,575  |
| Carriages and wagons (repair work exclusively), . . . . .                                | 26    | 172,605    | 59,551     | 71,783    | 103   | 194,299    |
| Cars and general shop construction and repairs by steam railroad companies, . . . . .    | 15    | 9,136,136  | 4,196,831  | 4,393,731 | 6,364 | 8,399,665  |
| Cars and general shop construction and repairs by electric railroad companies, . . . . . | 39    | 2,861,028  | 1,203,842  | 1,372,677 | 1,705 | 2,566,946  |
| Chemicals, . . . . .   | 24    | 9,167,353  | 3,354,631  | 954,633   | 1,395 | 6,684,918  |
| Cleansing and polishing preparations, . . . . .  | 34    | 295,411    | 326,891    | 39,238    | 66    | 642,336    |
| Cloth sponging and refinishing, . . . . .  | 4     | 24,535     | 1,500      | 36,496    | 56    | 63,700     |
| Clothing, men's, . . . . .   | 213   | 7,198,335  | 9,033,157  | 3,074,907 | 5,760 | 16,317,987 |
| Clothing, men's, buttonholes, . . . . .  | 3     | 1,080      | 526        | 1,600     | 4     | 6,072      |
| Clothing, women's, . . . . .   | 202   | 4,942,052  | 7,664,225  | 2,946,453 | 6,076 | 13,932,587 |
| Coffee and spice, roasting and grinding, . . . . .                                       | 21    | 3,677,805  | 6,311,942  | 265,422   | 466   | 8,675,047  |
| Coffins, burial cases, and undertakers' goods, . . . . .                                 | 9     | 821,096    | 369,313    | 172,935   | 286   | 789,262    |
| Combs and hairpins, . . . . .  | 34    | 1,768,421  | 2,073,863  | 967,722   | 1,944 | 3,726,931  |

<sup>1</sup> Includes terra-cotta and fire-clay products.



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

| Industries.  | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>The State — Continued.</b>                                |                          |                  |                                   |                                      |                                |                  |
| Confectionery and ice cream, . . . . .                       | 376                      | \$11,240,834     | \$13,862,753                      | \$3,041,509                          | 7,968                          | \$22,864,744     |
| Confectionery, . . . . .                                     | 145                      | 10,690,869       | 12,266,245                        | 2,710,742                            | 6,775                          | 30,007,996       |
| Chewing gum, . . . . .                                       | 3                        | 62,112           | 23,025                            | 4,336                                | 12                             | 33,828           |
| Ice cream, . . . . .   | 128                      | 1,097,863        | 1,576,463                         | 326,431                              | 475                            | 2,803,921        |
| Copperage, . . . . .   | 35                       | 835,978          | 731,947                           | 311,260                              | 135                            | 1,972,246        |
| Copper, tin, and sheet-iron products, <sup>1</sup> . . . . . | 159                      | 7,418,098        | 3,510,187                         | 1,662,960                            | 2,688                          | 7,247,123        |
| Cordage and twine, and lute goods, . . . . .                 | 13                       | 18,780,156       | 15,653,152                        | 2,455,037                            | 6,073                          | 30,229,992       |
| Cordials and flavoring sirups, . . . . .                     | 9                        | - 213,301        | 329,178                           | 24,872                               | 51                             | 519,049          |
| Corsets, . . . . .   | 11                       | 2,594,362        | 1,001,836                         | 906,648                              | 2,298                          | 4,580,899        |
| Cotton goods, . . . . .                                      | 105                      | 255,135,889      | 118,727,263                       | 50,299,559                           | 112,609                        | 195,481,026      |
| Cotton small wares, . . . . .                                | 24                       | 1,704,831        | 1,107,082                         | 406,451                              | 960                            | 1,840,485        |
| Cutlery, and tools not elsewhere specified, . . . . .        | 137                      | 19,999,528       | 3,386,522                         | 3,903,000                            | 6,456                          | 12,974,023       |
| Dental goods, . . . . .                                      | 8                        | 70,214           | 408,920                           | 33,313                               | 55                             | 484,512          |
| Dyeing and finishing textiles, . . . . .                     | 57                       | 39,014,407       | 10,989,008                        | 5,842,976                            | 11,437                         | 22,465,086       |
| Dyestuffs and extracts, . . . . .                            | 17                       | 813,124          | 1,161,873                         | 99,124                               | 148                            | 1,674,097        |
| Electrical machinery, apparatus, and supplies, . . . . .     | 91                       | 45,067,320       | 17,695,907                        | 10,651,128                           | 17,125                         | 43,869,304       |
| Electroplating, . . . . .                                    | 50                       | 225,087          | 109,648                           | 161,032                              | 283                            | 402,239          |
| Emery and other abrasive wheels, . . . . .                   | 12                       | 2,403,519        | 866,452                           | 598,546                              | 902                            | 2,299,262        |
| Enameling and japanning, . . . . .                           | 13                       | 149,317          | 184,474                           | 63,180                               | 95                             | 278,269          |

|  |     |            |            |            |        |            |
|--|-----|------------|------------|------------|--------|------------|
| Engraving and die sinking, . . . . .                                   | 48  | 156,194    | 37,675     | 112,468    | 163    | 273,147    |
| Engraving, steel and copper plate, including plate printing, . . . . . | 29  | 668,036    | 159,809    | 274,732    | 431    | 746,290    |
| Envelopes, . . . . .   | 11  | 4,732,318  | 2,860,345  | 893,209    | 1,781  | 4,979,533  |
| Fancy articles, not elsewhere specified, . . . . .                     | 30  | 1,067,319  | 521,872    | 337,138    | 786    | 1,237,744  |
| Felt goods, . . . . .  | 15  | 5,236,462  | 1,994,580  | 434,602    | 878    | 2,997,080  |
| Firearms, . . . . .  | 6   | 3,930,056  | 711,451    | 1,461,143  | 2,161  | 3,237,419  |
| Flavoring extracts, . . . . .  | 35  | 595,521    | 592,103    | 62,519     | 124    | 1,164,733  |
| Flour-mill and gristmill products, . . . . .                           | 105 | 2,519,072  | 3,423,887  | 101,471    | 176    | 3,311,377  |
| Food preparations, . . . . .   | 68  | 1,460,957  | 1,062,838  | 280,113    | 469    | 4,043,622  |
| Foundry and machine-shop products, . . . . .                           | 724 | 99,707,910 | 25,209,892 | 23,467,052 | 34,398 | 70,374,440 |
| Fur goods, . . . . .   | 17  | 532,983    | 476,267    | 146,276    | 208    | 861,877    |
| Furnishing goods, men's, . . . . .                                     | 13  | 511,705    | 733,951    | 170,825    | 338    | 1,268,806  |
| Furniture, . . . . .   | 124 | 13,970,795 | 5,647,952  | 3,990,588  | 6,813  | 13,336,765 |
| Galvanizing, . . . . .   | 3   | 24,578     | 19,509     | 10,207     | 12     | 37,259     |
| Gas and electric fixtures, . . . . .                                   | 15  | 196,510    | 138,566    | 90,502     | 143    | 448,465    |
| Gas, illuminating and heating, . . . . .                               | 61  | 67,696,765 | 5,961,393  | 2,141,492  | 3,193  | 15,751,637 |
| Glass, cutting, staining, and ornamenting, . . . . .                   | 36  | 191,513    | 95,581     | 137,169    | 198    | 371,539    |
| Glue, . . . . .  | 11  | 2,956,497  | 1,788,747  | 293,647    | 563    | 2,583,738  |
| Gold and silver, leaf and foil, . . . . .                              | 10  | 97,464     | 134,064    | 63,088     | 120    | 232,526    |
| Gold and silver, reducing and refining, not from the ore, . . . . .    | 7   | 168,066    | 236,138    | 17,390     | 21     | 337,686    |
| Grease and tallow, . . . . .   | 33  | 2,800,452  | 1,829,324  | 430,107    | 622    | 2,668,048  |
| Hand-knit goods, . . . . .   | 8   | 46,299     | 20,714     | 2,800      | 4      | 61,758     |
| Hand stamps and stencils and brands, . . . . .                         | 32  | 133,008    | 55,656     | 72,767     | 108    | 253,069    |
| Hardware, . . . . .  | 21  | 2,633,338  | 865,081    | 699,378    | 1,151  | 2,322,593  |
| Hats and caps, other than felt, straw, and wool, . . . . .             | 38  | 195,107    | 404,367    | 167,793    | 288    | 737,294    |

<sup>1</sup> Includes stamped and enameled ware and tinware.

<sup>2</sup> Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.  |   | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|---|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>The State — Continued.</b>  |   |                          |                  |                                   |                                      |                                |                  |
| Hats, fur-felt,  | . | 10                       | \$1,429,351      | \$470,318                         | \$278,668                            | 629                            | \$864,723        |
| Hats, straw,   | . | 19                       | 2,906,750        | 3,204,659                         | 1,450,679                            | 2,383                          | 5,762,048        |
| Hosiery and knit goods,  | . | 69                       | 15,462,471       | 9,245,967                         | 4,733,898                            | 10,631                         | 17,357,319       |
| House-furnishing goods, not elsewhere specified,   | . | 29                       | 1,030,625        | 944,415                           | 202,990                              | 444                            | 1,350,408        |
| Ice, manufactured,   | . | 6                        | 320,966          | 75,949                            | 49,096                               | 57                             | 180,212          |
| Instrumenta, professional and scientific,  | . | 23                       | 1,266,143        | 650,335                           | 416,616                              | 599                            | 1,262,034        |
| Iron and steel, steel works and rolling mills,   | . | 11                       | 13,450,020       | 8,801,811                         | 1,902,912                            | 2,889                          | 11,376,008       |
| Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,                         | . | 8                        | 2,269,865        | 1,041,047                         | 764,044                              | 1,292                          | 2,267,090        |
| Iron and steel forgings,   | . | 10                       | 1,960,077        | 838,940                           | 523,065                              | 663                            | 2,075,765        |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, | . | 23                       | 2,425,203        | 1,421,260                         | 698,212                              | 1,223                          | 2,847,049        |
| Jewelry,   | . | 202                      | 14,521,053       | 6,710,122                         | 3,888,999                            | 6,505                          | 14,175,857       |
| Jewelry and instrument cases,  | . | 10                       | 346,599          | 206,439                           | 150,931                              | 389                            | 529,263          |
| Labels and tags,   | . | 5                        | 40,813           | 18,791                            | 22,255                               | 38                             | 69,968           |
| Lamps and reflectors,  | . | 7                        | 432,748          | 488,983                           | 215,768                              | 316                            | 980,063          |
| Lasts,   | . | 32                       | 1,922,544        | 591,559                           | 683,449                              | 890                            | 1,908,646        |
| Leather goods, not elsewhere specified,  | . | 41                       | 637,254          | 723,507                           | 215,391                              | 416                            | 1,309,049        |
| Leather, tanned, curried, and finished,  | . | 126                      | 47,418,119       | 33,194,061                        | 5,918,205                            | 10,164                         | 45,265,434       |
| Lime,  | . | 11                       | 1,299,019        | 370,242                           | 231,293                              | 474                            | 816,713          |
| Linen goods,   | . | 7                        | 3,938,715        | 1,796,123                         | 652,369                              | 1,541                          | 3,060,264        |
| Liquors, distilled,  | . | 7                        | 1,632,102        | 1,223,630                         | 82,290                               | 93                             | 4,789,601        |

|   |     |            |            |           |        |            |
|---|-----|------------|------------|-----------|--------|------------|
| Liquors, malt, <sup>1</sup>                                 | 26  | 22,373,787 | 4,920,153  | 1,902,322 | 2,106  | 15,906,044 |
| Lithographing,  | 13  | 2,400,263  | 1,007,843  | 873,580   | 1,218  | 2,981,840  |
| Looking-glass and picture frames,                           | 31  | 303,037    | 142,752    | 105,459   | 148    | 428,572    |
| Lumber and timber products,                                 | 277 | 4,455,468  | 2,010,372  | 888,491   | 1,025  | 4,378,974  |
| Lumber, planing-mill products,                              | 198 | 7,978,100  | 6,276,885  | 2,484,077 | 3,423  | 10,650,867 |
| Marble and stone work,                                      | 107 | 5,072,125  | 982,730    | 1,867,498 | 2,520  | 3,333,417  |
| Mattresses and spring beds,                                 | 54  | 1,023,087  | 1,456,126  | 375,718   | 740    | 2,501,818  |
| Millinery and lace goods,                                   | 69  | 2,116,672  | 2,886,184  | 939,968   | 2,026  | 4,918,886  |
| Mineral and soda waters,                                    | 171 | 2,000,848  | 1,076,009  | 332,796   | 508    | 2,441,676  |
| Minerals and earthen, ground,                               | 9   | 440,616    | 377,334    | 61,456    | 105    | 488,646    |
| Mirrors,  | 8   | 213,612    | 230,337    | 85,076    | 133    | 440,572    |
| Models and patterns not including paper patterns,           | 66  | 260,122    | 83,368     | 247,062   | 318    | 586,283    |
| Monuments and tombstones,                                   | 199 | 1,908,805  | 892,373    | 1,021,413 | 1,338  | 2,900,898  |
| Motorcycles, bicycles, and parts,                           | 6   | 7,183,011  | 3,193,964  | 1,666,698 | 2,136  | 7,021,312  |
| Mucilage and paste,   | 23  | 820,129    | 997,307    | 72,324    | 108    | 1,563,933  |
| Musical instruments and materials, not specified,           | 25  | 318,809    | 163,664    | 304,522   | 253    | 418,845    |
| Musical instruments, pianos and organs and materials,       | 52  | 12,469,020 | 3,702,133  | 2,509,531 | 3,906  | 8,213,341  |
| Oil, not elsewhere specified,                               | 16  | 1,708,068  | 2,239,202  | 197,006   | 303    | 2,973,366  |
| Optical goods,  | 13  | 3,726,238  | 1,195,686  | 1,390,181 | 2,356  | 3,993,336  |
| Paints and varnishes,                                       | 34  | 3,181,378  | 2,621,556  | 391,964   | 490    | 4,575,740  |
| Paper and wood pulp,  | 36  | 47,979,946 | 26,610,748 | 7,543,630 | 13,401 | 43,843,545 |
| Paper goods, not elsewhere specified,                       | 49  | 9,500,842  | 5,836,840  | 2,115,087 | 4,048  | 10,599,926 |
| Patent medicines and compounds and druggist's preparations, | 162 | 5,471,931  | 3,323,188  | 695,816   | 1,381  | 8,592,960  |
| Paving materials,   | 11  | 617,661    | 177,731    | 207,817   | 343    | 613,411    |
| Photo-engraving,  | 27  | 500,521    | 169,772    | 492,317   | 542    | 1,180,289  |

<sup>1</sup> Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

| Industries.  | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---------------------------------------|---------------------|--|---|--|---------------------|
| <b>The State — Continued.</b>  |                                       |                     |  |   |  |                     |
| Pipes, tobacco, . . . . .  | 3                                     | \$41,404            | \$23,337                                   | \$26,155                                      | 41                                       | \$57,537            |
| Plumbers' supplies, . . . . .  | 19                                    | 1,153,333           | 595,232                                    | 375,247                                       | 637                                      | 1,380,495           |
| Pocketbooks, . . . . .   | 10                                    | 522,500             | 330,550                                    | 172,486                                       | 377                                      | 733,954             |
| Pottery,¹ . . . . .  | 8                                     | 195,590             | 36,042                                     | 85,205  | 138                                      | 170,405             |
| Printing and publishing, book and job, . . . . .                             | 741                                   | 13,376,525          | 5,513,738                                  | 4,537,571                                     | 7,092                                    | 20,245,240          |
| Printing and publishing, music, . . . . .                                    | 9                                     | 568,098             | 161,964                                    | 76,233  | 120                                      | 609,966             |
| Printing and publishing, newspapers and periodicals, . . . . .               | 456                                   | 18,420,327          | 8,449,143                                  | 5,364,438                                     | 6,032                                    | 26,719,398          |
| Refrigerators, . . . . .   | 11                                    | 290,778             | 209,892                                    | 123,006                                       | 141                                      | 454,392             |
| Regalia and society badges and emblems, . . . . .                            | 12                                    | 188,607             | 117,020                                    | 59,587  | 78                                       | 263,826             |
| Rubber goods, not elsewhere specified, . . . . .                             | 42                                    | 17,345,185          | 14,141,738                                 | 2,945,043                                     | 4,743                                    | 23,011,349          |
| Saddlery and harness, . . . . .  | 43                                    | 661,174             | 495,870                                    | 173,668                                       | 290                                      | 536,524             |
| Sausage, not made in slaughtering and meat packing establishments, . . . . . | 61                                    | 594,276             | 2,047,478                                  | 247,806                                       | 349                                      | 2,722,167           |
| Scales and balances, . . . . .   | 4                                     | 30,332              | 21,490                                     | 14,005  | 23                                       | 50,421              |
| Screws, machine, . . . . .   | 17                                    | 1,112,732           | 230,291                                    | 205,276                                       | 355                                      | 570,512             |
| Shipbuilding, wooden, including boat building, . . . . .                     | 81                                    | 788,574             | 398,273                                    | 338,025                                       | 435                                      | 1,061,115           |
| Shirts, . . . . .  | 14                                    | 1,780,445           | 1,331,968                                  | 778,577                                       | 1,895                                    | 2,396,080           |
| Shoddy, wool, . . . . .  | 17                                    | 1,370,298           | 1,266,000                                  | 240,059                                       | 446                                      | 1,903,016           |
| Show cases, . . . . .  | 12                                    | 81,453              | 91,249                                     | 60,552  | 79                                       | 202,399             |
| Signs and advertising novelties, . . . . .                                   | 20                                    | 350,398             | 285,921                                    | 211,258                                       | 386                                      | 724,540             |
| Silk and silk goods, including throwsters, . . . . .                         | 19                                    | 11,089,598          | 5,961,137                                  | 2,091,591                                     | 4,495                                    | 10,676,981          |

|  |     |            |            |           |       |            |
|--|-----|------------|------------|-----------|-------|------------|
| Silverware and plated ware, . . . . .                                    | 17  | 6,803,905  | 2,277,535  | 1,408,045 | 2,103 | 5,545,421  |
| Slaughtering and meat packing, . . . . .                                 | 46  | 18,470,885 | 45,428,339 | 1,893,645 | 3,233 | 51,724,520 |
| Soap, . . . . .  | 23  | 3,421,150  | 2,476,020  | 260,473   | 460   | 4,671,310  |
| Sporting and athletic goods, . . . . .                                   | 15  | 2,239,473  | 1,983,998  | 767,126   | 1,276 | 3,423,980  |
| Springs, steel, car and carriage, . . . . .                              | 7   | 69,190     | 41,155     | 37,126    | 45    | 110,264    |
| Stationary goods, not elsewhere specified, . . . . .                     | 27  | 4,747,454  | 3,532,070  | 1,248,491 | 2,467 | 6,511,512  |
| Statuary and art goods, . . . . .  | 13  | 451,511    | 54,688     | 106,887   | 133   | 282,200    |
| Steam fittings and steam and hot-water heating apparatus, . . . . .      | 21  | 7,365,324  | 2,018,313  | 2,018,627 | 3,176 | 6,910,286  |
| Steam packing, . . . . .   | 11  | 207,916    | 151,399    | 56,893    | 71    | 311,047    |
| Stereotyping and electrotyping, . . . . .                                | 16  | 306,336    | 123,425    | 167,449   | 250   | 483,371    |
| Stoves and hot-air furnaces, except gas and oil stoves, . . . . .        | 13  | 2,964,898  | 892,389    | 1,115,896 | 1,446 | 2,983,833  |
| Structural ironwork, not made in steel works or rolling mills, . . . . . | 51  | 3,232,072  | 2,083,775  | 1,227,649 | 1,663 | 4,311,833  |
| Surgical appliances, . . . . .   | 14  | 634,852    | 1,039,020  | 149,265   | 249   | 1,459,021  |
| Suspenders, garters, and elastic woven goods, . . . . .                  | 30  | 5,060,141  | 3,580,866  | 1,411,316 | 2,928 | 6,323,312  |
| Tobacco manufactures, . . . . .  | 336 | 4,323,311  | 3,310,808  | 3,109,866 | 3,926 | 9,269,400  |
| Toys and games, . . . . .  | 18  | 1,723,045  | 1,123,941  | 636,487   | 1,331 | 2,332,968  |
| Trunks and valises, . . . . .  | 25  | 716,081    | 649,788    | 223,695   | 377   | 1,133,108  |
| Type founding and printing materials, . . . . .                          | 9   | 371,713    | 79,379     | 59,143    | 93    | 262,332    |
| Upholstering materials, . . . . .  | 8   | 1,059,640  | 1,231,973  | 105,100   | 197   | 1,477,198  |
| Vinegar and cider, . . . . .   | 53  | 423,964    | 199,771    | 47,276    | 78    | 391,159    |
| Waste, . . . . .   | 11  | 1,964,300  | 3,333,216  | 308,606   | 800   | 3,779,372  |
| Watch and clock materials, . . . . .                                     | 5   | 137,995    | 37,212     | 84,457    | 163   | 163,755    |
| Whips, . . . . .   | 21  | 2,516,156  | 1,167,929  | 493,170   | 996   | 2,804,281  |
| Window and door sereens and weather strips, . . . . .                    | 23  | 136,413    | 113,119    | 66,501    | 113   | 271,578    |
| Window shades and fixtures, . . . . .                                    | 14  | 260,969    | 383,552    | 54,365    | 97    | 589,072    |

<sup>1</sup> Not including terra-cotta and fire clay products.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

## A. THE STATE: BY INDUSTRIES — Concluded.

| INDUSTRIES.  | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>The State — Concluded.</b>                      |                          |                  |                                   |                                      |                                |                  |
| Wire, . . . . .                                    | 8                        | \$8,244,316      | \$4,555,965                       | \$2,005,164                          | 2,899                          | \$3,389,073      |
| Wirework, including wire rope and cable, . . . . . | 30                       | 5,420,293        | 2,330,915                         | 1,079,129                            | 1,960                          | 4,377,699        |
| Wood, turned and carved, . . . . .                 | 62                       | 1,756,118        | 747,130                           | 583,277                              | 1,339                          | 1,761,068        |
| Wooden goods, . . . . .                            | 18                       | 568,613          | 424,891                           | 218,029                              | 430                            | 785,353          |
| Wool scouring, . . . . .                           | 10                       | 1,515,096        | 727,228                           | 333,741                              | 577                            | 1,406,674        |
| Woolen and worsted goods, . . . . .                | 156                      | 138,999,182      | 81,152,893                        | 26,923,480                           | 53,377                         | 127,351,434      |
| All other industries, <sup>1</sup> . . . . .       | 235                      | 104,372,558      | 56,460,725                        | 14,098,304                           | 21,504                         | 88,327,019       |

<sup>1</sup> Embraces Aeroplanes and parts; 1. Aluminum ware, 3. Ammunition, 2. Artificial flowers, 1. Artists' materials, 2. Asbestos products, not including steam packing, 3. Babbitt metal and solder, 5. Bags, other than paper, 6. Bags, paper, 1. Baking powders and yeast, 3. Belting and hose, rubber, 3. Bluing, 6. Bone, carbon, and lamp black, 2. Butter, re-working, 1. Candles, 1. Cardboard, not made in paper mills, 1. Cars, steam railroad, not including operations of railroad companies, 3. Cars, electric railroad, not including operations of railroad companies, 1. Cash registers and calculating machines, 3. Charcoal, 2. China decorating, 1. Chocolate and cocoa products, 2. Clocks, 4. Clothing, horse, 3. Coke, 1. Collars and cuffs, men's, 1. Cork cutting, 2. Crucibles, 2. Dairymen's, poultrymen's, and apicariats' supplies, 3. Drug grinding, 2. Engravers' materials, 1. Engraving, wood, 2. Fertilizers, 4. Files, 6. Fire extinguishers, chemical, 2. Fireworks, 4. Flags and banners, 3. Foundry supplies, 1. Furs dressed, 1. Glass, 2. Gloves and mittens, leather, 5. Glucose and starch, 4. Hair work, 5. Hammocks, 4. Hat and cap materials, 2. Hats, wool-felt, 2. Horseshoes, not made in steel works or rolling mills, 3. Ink, printing, 1. Ink, writing, 3. Iron and steel, blast furnaces, 1. Iron and steel, doors and shutters, 1. Ivory, shell, and bone work, not including combs and hairpins, 3. Lard, refined, not made in slaughtering and meat packing establishments, 1. Lead, bar, pipe, and sheet, 1. Lubricating greases, 5. Matches, 1. Needles, pins, and hooks and eyes, 4. Nets and seines, 2. Oakum, 1. Oil, essential, 1. Oil-cloth, enameled, 2. Oleomargarine, 1. Paper patterns, 1. Peanuts, grading, roasting, cleaning, and shelling, 2. Pens, fountain and stylographic, 3. Pens, gold, 2. Photographs and graphophones, 1. Photographic supplies, 1. Photographic materials, 4. Pumps, not including power pumps, 3. Roofing materials, 5. Sand and emery paper and cloth, 1. Sand-lime brick, 1. Saws, 10. Screws, wood, 2. Sewing machines and attachments, 7. Shipbuilding, iron and steel, 3. Smelting and refining, not from the ore, 3. Soda-water apparatus, 5. Stoves, oil and gas, 3. Sugar, refining, not including beet sugar, 2. Theatrical scenery, 1. Typewriters and supplies, 3. Umbrellas and canes, 7. Vault lights and ventilators, 2. Wall paper, not made in paper mills, 2. Washing machines and clothes wringers, 1. Watches, 2. Windmills, 1. Wool pulling, 1.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES.

| CITIES AND INDUSTRIES.                             | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---------------------------------------|---------------------|--|---|--|---------------------|
| <b>BEVERLY.</b>                                    |                                       |                     |  |   |  |                     |
| Boat and shoe cut stock and findings, . . . . .    | 67                                    | \$10,538,789        | \$3,165,928                                | \$3,355,645                                   | 4,641                                    | \$3,774,167         |
| Boots and shoes, . . . . .                         | 10                                    | 156,113             | 139,432                                    | 26,626  | 47                                       | 213,035             |
| Bread and other bakery products, . . . . .         | 15                                    | 1,381,338           | 1,575,109                                  | 819,703                                       | 1,417                                    | 3,305,400           |
| Printing and publishing, . . . . .                 | 9                                     | 31,565              | 64,911                                     | 17,790  | 31                                       | 115,946             |
| Other industries, . . . . .                        | 7                                     | 77,867              | 36,817                                     | 42,764  | 78                                       | 123,086             |
|  | 26                                    | 8,886,906           | 1,049,873                                  | 2,448,860                                     | 3,068                                    | 5,026,720           |
| <b>BOERON.</b>                                     |                                       |                     |  |   |  |                     |
| Artificial limbs, . . . . .                        | 3,138                                 | \$18,176,513        | 140,668,980                                | 49,444,877                                    | 78,894                                   | \$64,808,479        |
| Automobiles, including bodies and parts, . . . . . | 4                                     | 11,537              | 8,680                                      | 8,791   | 12                                       | 31,379              |
| Automobile repairing, . . . . .                    | 12                                    | 406,376             | 205,104                                    | 173,478                                       | 219                                      | 599,990             |
| Awings, tents, and sails, . . . . .                | 9                                     | 53,232              | 59,470                                     | 55,032  | 60                                       | 179,809             |
| Blaeking, stains, and dressings, . . . . .         | 19                                    | 180,261             | 279,497                                    | 109,007                                       | 173                                      | 517,183             |
|  | 15                                    | 438,565             | 316,587                                    | 59,297  | 108                                      | 689,724             |
| Bookbinding and blank-book making, . . . . .       | 53                                    | 974,711             | 525,833                                    | 735,943                                       | 1,402                                    | 1,824,295           |
| Boots and shoe cut stock and findings, . . . . .   | 35                                    | 5,694,053           | 12,249,387                                 | 607,509                                       | 1,052                                    | 13,909,298          |
| Boots and shoes, . . . . .                         | 16                                    | 8,455,193           | 7,329,888                                  | 3,421,074                                     | 6,369                                    | 13,253,410          |
| Boxes, fancy and paper, . . . . .                  | 19                                    | 319,776             | 394,101                                    | 308,445                                       | 725                                      | 883,189             |
| Brass, bronze, and copper products, . . . . .      | 27                                    | 283,417             | 233,328                                    | 140,915                                       | 185                                      | 500,120             |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                       | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---------------------------------------|---------------------|--|---|--|---------------------|
| BOSTON — Continued.  |                                       |                     |  |   |  |                     |
| Bread and other bakery products, . . . . .                   | 312                                   | \$3,471,714         | \$5,830,108                                | \$1,546,740                                   | 2,701                                    | \$11,413,278        |
| Canning and preserving, . . . . .                            | 23                                    | 1,142,355           | 1,683,308                                  | 232,907                                       | 444                                      | 2,633,155           |
| Carriages and wagons and materials, . . . . .                | 21                                    | 417,060             | 255,909                                    | 205,207                                       | 280                                      | 994,230             |
| Carriages and wagons (repairing exclusively), . . . . .      | 10                                    | 50,736              | 32,373                                     | 40,823  | 59                                       | 99,866              |
| Chemicals, . . . . .   | 8                                     | 186,688             | 266,424                                    | 17,062  | 24                                       | 356,135             |
| Cleansing and polishing preparations, . . . . .              | 12                                    | 177,020             | 220,655                                    | 19,275  | 33                                       | 437,119             |
| Cloth sponging and refinishing, . . . . .                    | 4                                     | 24,525              | 1,500                                      | 36,496  | 56                                       | 63,700              |
| Clothing, men's, . . . . .                                   | 176                                   | 5,745,389           | 7,503,788                                  | 2,552,713                                     | 4,377                                    | 13,729,213          |
| Clothing, men's, buttonholes, . . . . .                      | 3                                     | 1,050               | 526  | 1,580   | 4  | 6,072               |
| Clothing, women's, . . . . .                                 | 139                                   | 2,905,122           | 5,126,016                                  | 2,143,646                                     | 3,964                                    | 9,608,758           |
| Coffee and spice, roasting and grinding, . . . . .           | 17                                    | 3,559,279           | 6,124,157                                  | 252,490                                       | 446                                      | 8,493,495           |
| Confectionery and ice cream, . . . . .                       | 72                                    | 8,081,689           | 9,108,471                                  | 2,041,771                                     | 5,114                                    | 15,245,760          |
| Confectionery, <sup>1</sup> . . . . .                        | 61                                    | 7,799,653           | 8,860,790                                  | 1,996,947                                     | 5,064                                    | 14,795,919          |
| Ice cream, . . . . .   | 11                                    | 231,986             | 247,681                                    | 44,824  | 50                                       | 449,841             |
| Copper, tin, and sheet-iron products, <sup>2</sup> . . . . . | 75                                    | 5,010,185           | 2,106,482                                  | 904,000                                       | 1,397                                    | 4,144,270           |
| Cutlery and tools, not elsewhere specified, . . . . .        | 15                                    | 3,715,802           | 758,094                                    | 399,547                                       | 790                                      | 3,232,736           |
| Dental goods, . . . . .                                      | 8                                     | 70,214              | 408,920                                    | 33,313  | 45                                       | 484,512             |
| Dyestuffs and extracts, . . . . .                            | 10                                    | 456,129             | 516,418                                    | 45,005  | 61                                       | 716,751             |

|  |     |            |           |           |       |            |
|--|-----|------------|-----------|-----------|-------|------------|
| Electrical machinery, apparatus, and supplies,               | 30  | 3,486,548  | 1,414,067 | 914,342   | 1,481 | 3,694,915  |
| Electroplating,  | 23  | 71,633     | 45,397    | 80,996    | 108   | 190,507    |
| Enameling and japanning,                                     | 4   | 27,663     | 9,660     | 13,581    | 19    | 35,069     |
| Engraving and disinking,                                     | 20  | 45,334     | 19,269    | 39,744    | 47    | 105,496    |
| Engraving, steel and copper plate, including plate printing, | 24  | 553,128    | 126,766   | 233,980   | 347   | 583,988    |
| Fancy articles, not elsewhere specified,                     | 7   | 53,801     | 53,084    | 29,047    | 52    | 113,566    |
| Flavoring extracts,  | 9   | 350,553    | 310,778   | 27,686    | 52    | 640,665    |
| Food preparations,   | 21  | 631,361    | 1,057,612 | 169,517   | 257   | 2,500,157  |
| Foundry and machine-shop products, <sup>1</sup>              | 166 | 13,783,826 | 4,194,297 | 3,850,586 | 5,283 | 12,350,987 |
| Fur goods,   | 17  | 522,963    | 476,267   | 146,276   | 208   | 861,577    |
| Furnishing goods, men's,                                     | 7   | 426,700    | 668,041   | 117,849   | 237   | 1,099,435  |
| Furniture,   | 46  | 951,652    | 978,617   | 541,273   | 790   | 2,323,083  |
| Galvanizing,   | 3   | 24,578     | 19,609    | 10,207    | 12    | 37,269     |
| Gas and electric fixtures,                                   | 9   | 116,090    | 102,713   | 65,384    | 96    | 332,242    |
| Glass cutting, staining, and ornamenting,                    | 22  | 92,547     | 52,269    | 88,311    | 108   | 236,265    |
| Hand stamps and stencils and brands,                         | 17  | 69,002     | 27,313    | 47,265    | 64    | 158,132    |
| Hardware,  | 12  | 148,635    | 53,585    | 47,408    | 61    | 164,491    |
| Hats and caps, other than felt, straw, and wool,             | 28  | 184,839    | 386,709   | 163,803   | 278   | 710,407    |
| Hosiery and knit goods,                                      | 10  | 1,063,555  | 1,005,443 | 310,249   | 770   | 1,596,681  |
| House-furnishing goods, not elsewhere specified,             | 8   | 55,339     | 108,113   | 44,999    | 85    | 217,070    |
| Instruments, professional and scientific,                    | 12  | 896,719    | 377,683   | 332,367   | 484   | 890,806    |
| Iron and steel, steel works and rolling mills,               | 3   | 55,896     | 32,564    | 34,441    | 50    | 90,675     |
| Jewelry,   | 39  | 508,316    | 386,088   | 186,102   | 250   | 866,791    |

<sup>1</sup> Includes two establishments manufacturing chewing gum.<sup>2</sup> Includes 11 establishments manufacturing tinware.  
<sup>3</sup> Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                 |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---|---------------------------------------|---------------------|--|---|--|---------------------|
| BOSTON — Continued.                                    |   |                                       |                     |  |   |  |                     |
| Jewelry and instrument cases,                          | . | 5                                     | \$266,473           | \$169,046                                  | \$113,923                                     | 293                                      | \$417,394           |
| Lamps and reflectors,                                  | . | 3                                     | 23,015              | 38,765                                     | 23,711  | 33                                       | 73,198              |
| Leather goods, <sup>1</sup>                            | . | 15                                    | 346,807             | 451,436                                    | 107,140                                       | 180                                      | 705,654             |
| Liquors, malt, <sup>2</sup>                            | . | 13                                    | 13,638,141          | 2,693,579                                  | 1,146,553                                     | 1,225                                    | 8,836,372           |
| Lithographing,   | . | 6                                     | 191,188             | 90,264                                     | 92,409  | 124                                      | 246,229             |
| Looking-glass and picture frames,                      | . | 18                                    | 180,110             | 97,618                                     | 79,932  | 110                                      | 320,243             |
| Lumber and timber products, <sup>3</sup>               | . | 47                                    | 1,333,488           | 1,641,299                                  | 614,033                                       | 808                                      | 2,803,541           |
| Marble and stone work,                                 | . | 16                                    | 780,967             | 411,772                                    | 337,650                                       | 425                                      | 950,912             |
| Mattresses and spring beds,                            | . | 21                                    | 606,635             | 1,115,146                                  | 262,337                                       | 531                                      | 1,896,931           |
| Millinery and lace goods,                              | . | 59                                    | 1,349,151           | 2,014,263                                  | 601,080                                       | 1,415                                    | 3,563,992           |
| Mineral and soda waters,                               | . | 26                                    | 803,416             | 538,787                                    | 103,341                                       | 137                                      | 1,303,737           |
| Mirrors,   | . | 7                                     | 185,601             | 203,330                                    | 68,246  | 104                                      | 335,247             |
| Models and patterns, not including paper patterns,     | . | 21                                    | 104,581             | 29,170                                     | 85,402  | 106                                      | 198,614             |
| Monuments and tombstones,                              | . | 8                                     | 66,632              | 24,308                                     | 28,047  | 30                                       | 86,340              |
| Mudilage and paste,                                    | . | 4                                     | 143,346             | 178,446                                    | 12,181  | 16                                       | 284,060             |
| Musical instruments and materials, not specified,      | . | 15                                    | 235,850             | 137,166                                    | 184,390                                       | 245                                      | 333,453             |
| Musical instruments, pianos and organs, and materials, | . | 15                                    | 4,981,103           | 1,580,526                                  | 907,594                                       | 1,299                                    | 3,276,373           |
| Oil, not elsewhere specified,                          | . | 5                                     | 783,370             | 1,211,480                                  | 102,145                                       | 164                                      | 1,692,001           |

|  |     |            |           |           |       |            |
|--|-----|------------|-----------|-----------|-------|------------|
| Paints and varnishes, . . . . .  | 11  | 846,141    | 636,907   | 79,070    | 119   | 1,055,243  |
| Paper goods, not elsewhere specified, . . . . .                              | 12  | 372,730    | 337,319   | 144,030   | 342   | 668,558    |
| Patent medicines and compounds and druggists' preparations, . . . . .        | 68  | 2,615,158  | 2,120,012 | 360,138   | 768   | 4,622,890  |
| Photo-engraving, . . . . .   | 19  | 418,298    | 145,008   | 398,712   | 432   | 1,002,295  |
| Plumbers' supplies, . . . . .  | 4   | 174,541    | 47,370    | 51,967    | 63    | 151,776    |
| Printing and publishing, book, job, and music, . . . . .                     | 318 | 11,332,002 | 2,849,941 | 2,416,546 | 3,351 | 12,680,334 |
| Printing and publishing, newspapers and periodicals, . . . . .               | 166 | 11,055,242 | 6,188,817 | 2,895,457 | 2,748 | 17,915,170 |
| Refrigerators, . . . . .   | 7   | 192,445    | 149,455   | 92,384    | 82    | 322,365    |
| Regalia and society badges and emblems, . . . . .                            | 8   | 58,605     | 81,894    | 27,209    | 50    | 128,912    |
| Rubber goods, not elsewhere specified, . . . . .                             | 7   | 511,114    | 318,820   | 151,436   | 276   | 679,708    |
| Saddlery and harness, . . . . .  | 11  | 32,475     | 43,598    | 33,233    | 39    | 104,064    |
| Sausage, not made in slaughtering and meat packing establishments, . . . . . | 15  | 245,971    | 933,742   | 110,880   | 168   | 1,280,811  |
| Screws, machine, . . . . .   | 7   | 212,682    | 98,984    | 71,149    | 102   | 230,695    |
| Shipbuilding, wooden, including boat building, . . . . .                     | 15  | 165,697    | 134,973   | 91,431    | 108   | 325,300    |
| Show cases, . . . . .  | 8   | 51,246     | 56,537    | 36,138    | 43    | 126,364    |
| Signs and advertising novelties, . . . . .                                   | 12  | 199,975    | 171,083   | 143,438   | 270   | 464,793    |
| Slaughtering and meat packing, . . . . .                                     | 11  | 492,292    | 4,276,887 | 121,004   | 161   | 5,115,143  |
| Soap, . . . . .  | 11  | 231,401    | 314,520   | 33,417    | 54    | 441,443    |
| Stationary goods, not elsewhere specified, . . . . .                         | 5   | 435,622    | 389,408   | 123,118   | 237   | 665,670    |
| Statuary and art goods, . . . . .  | 10  | 438,978    | 50,564    | 95,874    | 122   | 262,568    |
| Steam fittings and steam and hot-water heating apparatus, . . . . .          | 8   | 4,732,506  | 1,146,747 | 1,077,631 | 1,702 | 3,080,938  |
| Steam packing, . . . . .   | 6   | 84,988     | 43,332    | 37,422    | 41    | 133,898    |
| Stereotyping and electrotyping, . . . . .                                    | 8   | 183,608    | 95,095    | 118,960   | 156   | 318,643    |
| Structural ironwork, not made in steel works or rolling mills, . . . . .     | 22  | 593,725    | 494,516   | 397,887   | 525   | 1,124,393  |

<sup>1</sup> Not including saddlery and harness, and trunks and valises, the figures for which are separately presented.

<sup>2</sup> Includes one establishment having four branches. <sup>3</sup> Not including boxes (wooden) and window and door screens.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---|---------------------------------------|---------------------|--|---|--|---------------------|
| BOSTON — Continued.  |   |                                       |                     |  |   |  |                     |
| Suspenders, garters, and elastic woven goods, . . . . .        | . | 10                                    | \$1,126,083         | \$1,284,717                                | \$361,290                                     | 885                                      | \$3,321,514         |
| Tobacco manufactures, . . . . .                                | . | 101                                   | 3,217,308           | 2,735,140                                  | 2,315,430                                     | 2,094                                    | 6,684,409           |
| Trunks and valises, . . . . .                                  | . | 14                                    | 189,224             | 190,884                                    | 83,674  | 133                                      | 373,610             |
| Window and door screens and weather strips, . . . . .          | . | 6                                     | 31,423              | 29,826                                     | 11,782  | 19                                       | 57,964              |
| Window shades and fixtures, . . . . .                          | . | 10                                    | 150,359             | 205,347                                    | 37,257  | 63                                       | 391,364             |
| Wirework, including wire rope and cable, . . . . .             | . | 7                                     | 36,694              | 32,116                                     | 16,650  | 34                                       | 66,842              |
| Wood, turned and carved, . . . . .                             | . | 6                                     | 12,610              | 8,624                                      | 10,287  | 12                                       | 26,333              |
| Other industries, . . . . .                                    | . | 259                                   | 72,932,637          | 39,043,157                                 | 9,047,034                                     | 14,437                                   | 61,471,304          |
| BROOKTON.  |   |                                       |                     |  |   |  |                     |
| Blackings, and cleansing and polishing preparations, . . . . . | . | 243                                   | 28,808,708          | 31,694,341                                 | 10,357,346                                    | 19,346                                   | 51,359,131          |
| Boot and shoe out stock and findings, . . . . .                | . | 16                                    | 205,995             | 194,364                                    | 31,490  | 43                                       | 429,535             |
| Boots and shoes, . . . . .                                     | . | 48                                    | 3,523,764           | 6,889,678                                  | 893,358                                       | 1,650                                    | 9,039,490           |
| Bosses, fancy and paper, . . . . .                             | . | 36                                    | 18,840,753          | 21,565,736                                 | 8,084,442                                     | 12,115                                   | 35,032,645          |
| Bosses, wooden packing, . . . . .                              | . | 5                                     | 163,199             | 114,371                                    | 76,740  | 174                                      | 233,446             |
| Bread and other bakery products, . . . . .                     | . | 5                                     | 189,022             | 124,088                                    | 43,049  | 68                                       | 217,162             |
| Bread and other bakery products, . . . . .                     | . | 21                                    | 376,761             | 533,639                                    | 134,248                                       | 253                                      | 1,069,530           |
| Carriages and wagons and materials, . . . . .                  | . | 5                                     | 77,393              | 14,423                                     | 13,692  | 18                                       | 44,638              |
| Confectionery and ice cream, . . . . .                         | . | 4                                     | 14,046              | 56,898                                     | 10,679  | 21                                       | 98,436              |
| Cutlery and tools, not elsewhere specified, . . . . .          | . | 9                                     | 47,373              | 31,502                                     | 61,633  | 72                                       | 134,510             |
| Flour-mill and grist-mill products, . . . . .                  | . | 3                                     | 27,765              | 35,377                                     | 700   | 3  | 40,236              |

|   |     |            |            |            |        |            |
|---|-----|------------|------------|------------|--------|------------|
| Foundry and machine-shop products, . . . . .                          | 15  | 454,488    | 127,349    | 178,072    | 243    | 431,325    |
| Leads, . . . . .  | 7   | 748,333    | 218,303    | 181,994    | 241    | 694,358    |
| Printing and publishing, . . . . .                                    | 20  | 401,420    | 247,964    | 197,541    | 209    | 744,241    |
| Other industries, . . . . .   | 49  | 3,737,637  | 1,608,837  | 660,298    | 1,078  | 3,109,559  |
| <b>CAMBRIDGE.</b>   |     |            |            |            |        |            |
| Automobiles, including bodies and parts, . . . . .                    | 816 | 42,999,993 | 31,584,696 | 10,916,990 | 16,749 | 57,483,949 |
| Bookbinding and blank-book making, . . . . .                          | 5   | 166,510    | 58,927     | 66,467     | 83     | 203,517    |
| Bones, fancy and paper, . . . . .                                     | 6   | 406,615    | 182,798    | 164,239    | 303    | 417,564    |
| Bread and other bakery products, . . . . .                            | 5   | 384,231    | 249,102    | 208,339    | 495    | 508,780    |
| Carriages and wagons and materials, . . . . .                         | 40  | 4,102,119  | 2,070,912  | 511,795    | 901    | 3,954,408  |
| Confectionery and ice cream, . . . . .                                | 4   | 69,509     | 48,836     | 50,394     | 71     | 127,065    |
| Confectionery, . . . . .  | 21  | 1,790,807  | 9,603,508  | 508,377    | 1,941  | 3,807,709  |
| Ice cream, . . . . .  | 15  | 1,633,089  | 2,203,905  | 436,073    | 1,141  | 3,285,724  |
| Copper, tin, and sheet-iron products, . . . . .                       | 6   | 137,718    | 299,397    | 73,804     | 100    | 531,985    |
| Foundry and machine-shop products, <sup>1</sup> . . . . .             | 7   | 522,968    | 297,292    | 112,220    | 183    | 688,109    |
| Furniture, . . . . .  | 24  | 5,636,918  | 1,414,398  | 973,283    | 1,460  | 4,377,192  |
| Looking-glass and picture frames, . . . . .                           | 12  | 1,276,963  | 367,628    | 495,422    | 636    | 1,283,764  |
| Lumber, planing-mill products, . . . . .                              | 4   | 8,377      | 5,406      | 4,678      | 7      | 20,568     |
| Marble and stone work, . . . . .                                      | 8   | 606,727    | 451,615    | 194,071    | 204    | 780,111    |
| Monuments and tombstones, . . . . .                                   | 7   | 288,180    | 111,493    | 132,782    | 164    | 369,317    |
| Musical instruments, pianos and organs, and materials, . . . . .      | 3   | 11,410     | 6,207      | 6,104      | 9      | 21,027     |
| Patent medicines and compounds and druggists' preparations, . . . . . | 6   | 3,517,512  | 784,673    | 536,992    | 914    | 1,673,588  |
| Printing and publishing, <sup>2</sup> . . . . .                       | 6   | 265,226    | 100,241    | 58,986     | 113    | 248,176    |
| Structural ironwork, . . . . .  | 39  | 4,177,860  | 1,399,694  | 1,312,045  | 1,856  | 3,602,078  |
| Tobacco manufactures, . . . . .                                       | 10  | 1,080,983  | 470,611    | 229,937    | 326    | 955,270    |
| Wood, turned and carved, . . . . .                                    | 4   | 9,108      | 18,995     | 7,483      | 11     | 40,055     |
| Other industries, . . . . .   | 3   | 76,873     | 7,610      | 13,717     | 20     | 20,668     |
|   | 102 | 24,682,488 | 21,068,156 | 4,628,473  | 7,753  | 34,445,488 |

<sup>1</sup> Not including bookbinding and blank-book making.

<sup>2</sup> Not including structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                          |  | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|---|--|---------------------------------------|---------------------|--|---|--|---------------------|
| CHICAGO.  |  | 188                                   | \$19,418,891        | \$9,414,608                                | \$3,553,618                                   | 6,341                                    | \$16,971,068        |
| Boots and shoes, . . . . .                      |  | 6                                     | 1,996,023           | 3,340,974                                  | 1,407,989                                     | 2,476                                    | 5,496,898           |
| Boses, fancy and paper, . . . . .               |  | 3                                     | 238,247             | 177,152                                    | 78,156  | 193                                      | 318,978             |
| Bread and other bakery products, . . . . .      |  | 17                                    | 109,500             | 194,011                                    | 61,383  | 90                                       | 329,095             |
| Lumber, planing-mill products, . . . . .        |  | 4                                     | 32,927              | 97,970                                     | 25,168  | 33                                       | 140,000             |
| Printing and publishing, . . . . .              |  | 7                                     | 26,786              | 13,077                                     | 15,760  | 32                                       | 48,637              |
| Tobacco manufactures, . . . . .                 |  | 11                                    | 16,203              | 21,951                                     | 14,483  | 15                                       | 56,376              |
| Other industries, . . . . .                     |  | 76                                    | 10,410,205          | 5,561,463                                  | 2,950,724                                     | 3,403                                    | 10,611,024          |
| CHICAGO.  |  | 68                                    | \$2,500,779         | 17,117,908                                 | 5,180,634                                     | 8,488                                    | \$8,869,158         |
| Bread and other bakery products, . . . . .      |  | 11                                    | 69,250              | 101,464                                    | 24,931  | 36                                       | 177,380             |
| Brick and tile, . . . . .                       |  | 5                                     | 119,815             | 14,125                                     | 31,887  | 57                                       | 69,900              |
| Other industries, . . . . .                     |  | 46                                    | 23,311,714          | 17,002,314                                 | 5,078,816                                     | 8,333                                    | 28,621,902          |
| EVANSTON.                                       |  | 85                                    | \$6,408,547         | 6,510,768                                  | \$,046,650                                    | 3,388                                    | 19,319,300          |
| Boot and shoe cut stock and findings, . . . . . |  | 3                                     | 33,080              | 45,548                                     | 14,668  | 43                                       | 75,217              |
| Boots and shoes, . . . . .                      |  | 3                                     | 243,355             | 693,109                                    | 327,261                                       | 568                                      | 1,297,341           |
| Bread and other bakery products, . . . . .      |  | 9                                     | 8,475               | 49,114                                     | 9,327   | 20                                       | 80,160              |
| Foundry and machine-shop products, . . . . .    |  | 9                                     | 839,971             | 474,110                                    | 281,284                                       | 399                                      | 987,384             |
| Other industries, . . . . .                     |  | 61                                    | 25,184,666          | 5,260,872                                  | 1,413,010                                     | 2,236                                    | 10,818,648          |

## FALL RIVER.

|  | 815 | 80,850,838 | 37,101,487 | 10,190,748 | 30,834 | 64,003,140 |
|--|-----|------------|------------|------------|--------|------------|
| Bread and other bakery products, . . . . .                                   | 88  | 230,177    | 609,690    | 127,406    | 197    | 1,017,232  |
| Confectionery and ice cream, . . . . .                                       | 12  | 50,375     | 78,802     | 13,429     | 23     | 124,342    |
| Copper, tin, and sheet-iron products, . . . . .                              | 8   | 37,367     | 21,727     | 53,971     | 36     | 74,028     |
| Cotton goods, . . . . .  | 45  | 66,008,373 | 29,355,913 | 13,081,876 | 30,427 | 49,516,027 |
| Cotton small wares, . . . . .  | 6   | 606,386    | 303,248    | 107,261    | 331    | 478,964    |
| Foundry and machine-shop products, . . . . .                                 | 27  | 903,507    | 453,173    | 341,791    | 570    | 1,003,967  |
| Lumber, planing-mill products, . . . . .                                     | 5   | 86,000     | 61,953     | 47,457     | 70     | 135,081    |
| Marble and stone work, . . . . .   | 4   | 39,045     | 10,491     | 19,225     | 31     | 37,882     |
| Mineral and soda waters, . . . . .   | 7   | 18,450     | 10,246     | 8,086      | 13     | 32,010     |
| Monuments and tomb stones, . . . . .   | 6   | 40,069     | 16,290     | 12,516     | 14     | 38,447     |
| Printing and publishing, book and job, . . . . .                             | 15  | 79,936     | 43,479     | 33,178     | 64     | 127,377    |
| Printing and publishing, newspapers and periodicals, . . . . .               | 7   | 302,053    | 53,913     | 120,089    | 141    | 268,767    |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 8   | 20,705     | 145,367    | 10,109     | 21     | 210,230    |
| Tobacco manufactures, . . . . .  | 6   | 7,089      | 7,572      | 2,632      | 4      | 21,200     |
| Other industries, . . . . .  | 71  | 20,190,716 | 5,905,548  | 2,175,476  | 4,902  | 11,516,592 |
|  | 197 | 84,830,603 | 16,006,717 | 4,814,535  | 8,337  | 23,983,233 |
| Bread and other bakery products, . . . . .                                   | 19  | 56,715     | 159,127    | 41,151     | 64     | 270,985    |
| Confectionery and ice cream, . . . . .                                       | 4   | 15,385     | 45,002     | 5,429      | 18     | 69,964     |
| Cotton goods, . . . . .  | 6   | 6,112,505  | 3,253,251  | 1,270,311  | 2,995  | 4,789,023  |
| Foundry and machine-shop products, . . . . .                                 | 23  | 2,066,696  | 579,148    | 422,069    | 663    | 1,253,506  |
| Marble and stone work, . . . . .   | 5   | 63,591     | 6,987      | 14,979     | 19     | 33,044     |
| Mineral and soda waters, . . . . .   | 5   | 23,915     | 6,390      | 1,264      | 3      | 15,172     |
| Paper and wood pulp, . . . . .   | 4   | 6,240,771  | 4,714,991  | 851,501    | 1,347  | 6,892,099  |

## FITCHBURG.

|  |    |           |           |           |       |           |
|--|----|-----------|-----------|-----------|-------|-----------|
| Bread and other bakery products, . . . . .   | 19 | 56,715    | 159,127   | 41,151    | 64    | 270,985   |
| Confectionery and ice cream, . . . . .       | 4  | 15,385    | 45,002    | 5,429     | 18    | 69,964    |
| Cotton goods, . . . . .                      | 6  | 6,112,505 | 3,253,251 | 1,270,311 | 2,995 | 4,789,023 |
| Foundry and machine-shop products, . . . . . | 23 | 2,066,696 | 579,148   | 422,069   | 663   | 1,253,506 |
| Marble and stone work, . . . . .             | 5  | 63,591    | 6,987     | 14,979    | 19    | 33,044    |
| Mineral and soda waters, . . . . .           | 5  | 23,915    | 6,390     | 1,264     | 3     | 15,172    |
| Paper and wood pulp, . . . . .               | 4  | 6,240,771 | 4,714,991 | 851,501   | 1,347 | 6,892,099 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   |  | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| FITCHBURG — Concluded.   |  |                          |                  |                                   |                                      |                                |                  |
| Printing and publishing, book and job, . . . . .               |  | 6                        | \$145,237        | \$23,249                          | \$32,135                             | 47                             | \$107,622        |
| Printing and publishing, newspapers and periodicals, . . . . . |  | 7                        | 77,577           | 23,896                            | 42,835                               | 54                             | 173,892          |
| Tobacco manufactures, . . . . .                                |  | 6                        | 9,433            | 7,283                             | 5,444                                | 9                              | 20,149           |
| Wood, turned and carved, . . . . .                             |  | 3                        | 47,679           | 26,779                            | 22,573                               | 44                             | 74,168           |
| Other industries, . . . . .                                    |  | 52                       | 10,006,160       | 6,244,515                         | 2,095,572                            | 3,674                          | 10,264,718       |
| GLOUCESTER.  |  |                          |                  |                                   |                                      |                                |                  |
| Bread and other bakery products, . . . . .                     |  | 87                       | 7,110,803        | 5,569,304                         | 1,537,341                            | 2,814                          | 8,533,964        |
| Canning and preserving, fish, . . . . .                        |  | 7                        | 54,256           | 101,926                           | 27,481                               | 53                             | 151,917          |
| Clothing, men's, . . . . .                                     |  | 16                       | 3,651,068        | 3,539,164                         | 546,463                              | 1,315                          | 4,906,580        |
| Foundry and machine-shop products, . . . . .                   |  | 5                        | 50,186           | 52,767                            | 27,338                               | 88                             | 135,600          |
| Ship building, wooden, including boat building, . . . . .      |  | 4                        | 47,796           | 13,509                            | 16,856                               | 24                             | 37,743           |
| Tobacco manufactures, . . . . .                                |  | 9                        | 99,343           | 20,785                            | 18,563                               | 23                             | 64,990           |
| Other industries, . . . . .                                    |  | 6                        | 5,698            | 10,113                            | 7,850                                | 17                             | 37,996           |
|  |  | 40                       | 3,201,946        | 1,321,590                         | 692,290                              | 1,269                          | 3,209,133        |
| HAVERHILL.   |  |                          |                  |                                   |                                      |                                |                  |
| Boot and shoe cut stock and findings, . . . . .                |  | 336                      | 18,415,166       | \$6,512,187                       | \$,614,434                           | 13,361                         | 48,409,246       |
| Boots and shoes, . . . . .                                     |  | 137                      | 4,015,571        | 7,925,331                         | 989,828                              | 1,331                          | 10,321,401       |
| Boxes, fancy and paper, . . . . .                              |  | 126                      | 9,040,542        | 14,569,417                        | 6,318,354                            | 9,351                          | 25,319,953       |
|  |  | 5                        | 137,764          | 165,738                           | 87,806                               | 155                            | 285,233          |

|  |     |            |            |           |        |            |
|--|-----|------------|------------|-----------|--------|------------|
| Bread and other bakery products, . . . . .                                   | 30  | 75,591     | 176,968    | 41,619    | 60     | 282,782    |
| Cutlery and tools, not elsewhere specified, . . . . .                        | 3   | 10,761     | 8,456      | 11,764    | 14     | 31,270     |
| Foundry and machine-shop products, . . . . .                                 | 5   | 69,579     | 41,183     | 58,244    | 73     | 139,810    |
| Models and patterns, not including paper patterns, . . . . .                 | 6   | 23,201     | 9,284      | 22,184    | 38     | 68,815     |
| Mucilage and paste, . . . . .  | 4   | 20,015     | 20,012     | 3,216     | 4      | 33,881     |
| Printing and publishing, . . . . .   | 18  | 179,461    | 74,170     | 58,049    | 71     | 266,701    |
| Tobacco manufactures, . . . . .  | 4   | 5,405      | 3,856      | 8,925     | 6      | 12,704     |
| Other industries, . . . . .  | 60  | 4,538,266  | 3,594,322  | 1,019,595 | 1,689  | 5,643,747  |
| <b>HOTELS.</b>   |     |            |            |           |        |            |
| Automobile repairing, . . . . .  | 223 | 51,668,053 | 26,362,448 | 8,964,870 | 17,493 | 44,041,155 |
| Bread and other bakery products, . . . . .                                   | 6   | 53,650     | 8,616      | 9,288     | 10     | 23,200     |
| Flour-mill and grist-mill products, . . . . .                                | 33  | 322,133    | 313,190    | 83,473    | 124    | 560,774    |
| Foundry and machine-shop products, . . . . .                                 | 3   | 21,850     | 110,902    | 2,322     | 4      | 118,374    |
| Lumber, planing-mill products, . . . . .                                     | 18  | 3,556,870  | 886,305    | 584,920   | 895    | 2,173,844  |
| Mineral and soda waters, . . . . .   | 4   | 292,149    | 366,495    | 136,642   | 182    | 641,253    |
| Paper and wood pulp, . . . . .   | 3   | 5,310      | 4,098      | 2,950     | 5      | 19,250     |
| Paper goods, not elsewhere specified, . . . . .                              | 21  | 13,885,129 | 8,271,811  | 2,486,794 | 4,689  | 13,179,525 |
| Printing and publishing, book and job, <sup>1</sup> . . . . .                | 5   | 1,218,006  | 1,297,771  | 282,455   | 496    | 1,381,564  |
| Printing and publishing, newspapers and periodicals, . . . . .               | 14  | 106,005    | 29,264     | 34,824    | 61     | 109,108    |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 9   | 185,805    | 52,414     | 68,564    | 76     | 265,134    |
| Stationery goods, not elsewhere specified, . . . . .                         | 7   | 14,845     | 49,680     | 7,408     | 9      | 78,632     |
| Tobacco manufactures, . . . . .  | 7   | 1,639,268  | 924,084    | 324,032   | 645    | 1,891,009  |
| Other industries, . . . . .  | 13  | 49,570     | 39,506     | 42,356    | 64     | 117,788    |
|  | 79  | 30,417,922 | 13,083,112 | 4,918,212 | 10,223 | 22,367,600 |

<sup>1</sup> Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| LAWRENCE.  |                          |                  |                                   |                                      |                                |                  |
| Artificial stone products, . . . . .   | 221                      | \$99,639,695     | \$45,159,990                      | \$16,776,448                         | 81,048                         | \$78,177,808     |
| Bread and other bakery products, . . . . .                                   | 4                        | 12,450           | 9,608                             | 6,012                                | 10                             | 20,200           |
| Brooms, . . . . .  | 59                       | 260,133          | 476,031                           | 108,364                              | 171                            | 799,739          |
| Cotton goods, . . . . .  | 3                        | 9,200            | 14,289                            | 8,070                                | 12                             | 26,222           |
| Foundry and machine-shop products, . . . . .                                 | 4                        | 9,128,792        | 4,656,431                         | 1,832,566                            | 4,189                          | 7,143,127        |
| Models and patterns, not including paper patterns, . . . . .                 | 21                       | 1,426,826        | 690,902                           | 459,482                              | 780                            | 1,443,267        |
| Printing and publishing, . . . . .   | 3                        | 6,840            | 1,678                             | 7,329                                | 8                              | 12,785           |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 20                       | 249,978          | 89,298                            | 98,228                               | 119                            | 282,904          |
| Tobacco manufactures, . . . . .  | 11                       | 41,556           | 91,733                            | 16,310                               | 26                             | 135,328          |
| Woolen and worsted goods, . . . . .  | 5                        | 4,576            | 5,674                             | 7,415                                | 10                             | 19,494           |
| Other industries, . . . . .  | 11                       | 68,365,499       | 32,696,609                        | 10,456,724                           | 20,565                         | 81,584,497       |
|  | 80                       | 20,184,776       | 6,827,060                         | 2,783,447                            | 5,203                          | 11,710,180       |
| LOWELL.  |                          |                  |                                   |                                      |                                |                  |
| Boots and shoes, . . . . .   | 300                      | 68,714,844       | 33,104,884                        | 14,001,680                           | \$9,804                        | \$6,048,641      |
| Boses, fancy and paper, . . . . .  | 9                        | 1,119,172        | 2,364,760                         | 684,261                              | 1,485                          | 3,549,043        |
| Boses, wooden packing, . . . . .   | 3                        | 169,109          | 86,364                            | 79,232                               | 148                            | 212,861          |
| Bread and other bakery products, . . . . .                                   | 7                        | 283,016          | 476,566                           | 113,798                              | 232                            | 656,219          |
| Confectionery and ice cream, . . . . .                                       | 57                       | 170,408          | 415,188                           | 148,726                              | 221                            | 734,044          |
| Confectionery, . . . . .   | 7                        | 11,660           | 21,180                            | 6,484                                | 8                              | 66,771           |
| Ice cream, . . . . .   | 4                        | 5,800            | 12,309                            | 2,488                                | 4                              | 19,971           |
|  | 3                        | 5,880            | 31,871                            | 2,936                                | 4                              | 36,800           |

|   |     |            |            |            |        |            |
|---|-----|------------|------------|------------|--------|------------|
| Copper, tin, and sheet-iron products, . . . . .                       | 6   | 28,164     | 20,768     | 18,666     | 30     | 58,572     |
| Cotton goods, . . . . .   | 8   | 26,126,470 | 14,238,617 | 5,781,602  | 13,066 | 22,006,971 |
| Cotton small wares, . . . . .   | 4   | 124,217    | 94,333     | 34,076     | 76     | 172,412    |
| Foundry and machine-shop products, . . . . .                          | 26  | 4,370,300  | 1,283,182  | 1,121,251  | 1,841  | 2,708,452  |
| Lumber, planing-mill products, . . . . .                              | 8   | 306,987    | 301,299    | 58,612     | 114    | 471,634    |
| Mattresses and spring beds, . . . . .                                 | 3   | 16,206     | 24,003     | 7,467      | 18     | 40,820     |
| Mineral and soda waters, . . . . .                                    | 7   | 48,948     | 14,894     | 7,446      | 13     | 39,060     |
| Monuments and tombstones, . . . . .                                   | 9   | 10,180     | 7,256      | 7,724      | 11     | 32,685     |
| Patent medicines and compounds and druggists' preparations, . . . . . | 8   | 1,028,777  | 331,333    | 99,111     | 160    | 796,241    |
| Printing and publishing, <sup>1</sup> . . . . .                       | 22  | 503,378    | 379,702    | 163,649    | 209    | 694,240    |
| Tobacco manufactures, . . . . .                                       | 10  | 24,475     | 24,321     | 14,065     | 25     | 59,968     |
| Wood, turned and carved, . . . . .                                    | 4   | 248,918    | 181,572    | 139,090    | 264    | 403,836    |
| Woolen and worsted goods, . . . . .                                   | 9   | 4,100,687  | 2,436,436  | 931,019    | 1,916  | 3,923,754  |
| Other industries, . . . . .   | 23  | 27,944,783 | 10,510,441 | 4,606,121  | 9,977  | 16,333,029 |
| <b>LYNN.</b>  |     |            |            |            |        |            |
| Blackings, stains, and dressings, . . . . .                           | 489 | 44,659,408 | 39,596,177 | 16,659,458 | 26,359 | 69,783,418 |
| Boot and shoe cut stock and findings, . . . . .                       | 10  | 130,356    | 206,260    | 43,382     | 62     | 535,451    |
| Boots and shoes, . . . . .  | 88  | 5,284,485  | 11,780,403 | 760,552    | 1,448  | 13,524,243 |
| Bones, fancy and paper, . . . . .                                     | 106 | 12,835,766 | 16,276,174 | 8,031,284  | 12,331 | 30,066,815 |
| Bread and other bakery products, . . . . .                            | 5   | 428,939    | 410,744    | 177,925    | 353    | 735,948    |
| Breed and other dairy products, . . . . .                             | 39  | 216,164    | 445,980    | 154,240    | 206    | 794,033    |
| Carriages and wagons, and materials, . . . . .                        | 6   | 44,537     | 19,365     | 24,970     | 33     | 59,622     |
| Confectionery and ice cream, . . . . .                                | 4   | 46,335     | 64,241     | 10,298     | 17     | 82,305     |
| Foundry and machine-shop products, . . . . .                          | 28  | 718,921    | 152,968    | 233,041    | 327    | 593,737    |
| Lasts, . . . . .  | 8   | 372,460    | 108,391    | 153,591    | 234    | 889,107    |
| Leather, tanned, curried, and finished, . . . . .                     | 9   | 2,192,802  | 3,020,076  | 316,718    | 633    | 3,848,671  |

<sup>1</sup> Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   |                | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|----------------|---------------------------------------|---------------------|--|---|--|---------------------|
| LYNN — Concluded.  |                |                                       |                     |  |   |  |                     |
| Lumber, planing-mill products, . . . . .                       |                | 5                                     | \$171,066           | \$124,313                                  | \$61,049                                      | 87                                       | \$377,193           |
| Mineral and soda waters, . . . . .                             |                | 4                                     | 51,613              | 24,941                                     | 15,617  | 21                                       | 67,067              |
| Models and patterns, not including paper patterns, . . . . .   |                | 10                                    | 36,464              | 14,144                                     | 23,444  | 41                                       | 93,973              |
| Monuments and tombstones, . . . . .                            |                | 4                                     | 37,346              | 14,368                                     | 13,933  | 16                                       | 44,793              |
| Printing and publishing, book and job, . . . . .               |                | 21                                    | 221,131             | 123,774                                    | 82,391  | 145                                      | 344,845             |
| Printing and publishing, newspapers and periodicals, . . . . . |                | 6                                     | 203,423             | 81,370                                     | 136,799                                       | 146                                      | 336,394             |
| Tobacco manufactures, . . . . .                                |                | 6                                     | 9,770               | 12,185                                     | 10,437  | 18                                       | 32,345              |
| Other industries, . . . . .                                    |                | 70                                    | 21,323,361          | 5,779,771                                  | 5,330,101                                     | 9,221                                    | 17,676,391          |
| All industries, . . . . .                                      | MALDEN.        | 99                                    | 11,349,333          | 3,343,693                                  | 1,477,471                                     | 2,330                                    | 3,396,344           |
|  |                | 92                                    | 11,344,333          | 3,243,693                                  | 1,477,471                                     | 2,330                                    | 3,396,344           |
| All industries, . . . . .                                      | MALDENBOROUGH. | 43                                    | 3,151,909           | 6,467,393                                  | 2,119,443                                     | 3,333                                    | 9,033,633           |
|  |                | 43                                    | 3,150,909           | 6,467,393                                  | 2,119,443                                     | 3,333                                    | 9,033,633           |
| All industries, . . . . .                                      | MEDFORD.       | 54                                    | 2,366,773           | 1,335,336                                  | 335,363                                       | 339                                      | 2,613,393           |
|  |                | 54                                    | 2,366,773           | 1,335,336                                  | 335,363                                       | 339                                      | 2,613,393           |
| All industries, . . . . .                                      | MELROSE.       | 36                                    | 3,473,706           | 1,334,131                                  | 434,407                                       | 393                                      | 2,499,039           |
|  |                | 26                                    | 3,473,706           | 1,334,131                                  | 434,407                                       | 393                                      | 2,499,039           |

| New Bedford.   |   | 233 | 86,543,781 | 87,573,617 | 16,458,158 | 33,243 | 65,576,505 |
|--|---|-----|------------|------------|------------|--------|------------|
| Bread and other bakery products,                                   | . | 53  | 577,919    | 741,948    | 185,067    | 349    | 1,218,767  |
| Cotton goods,  | . | 20  | 78,290,430 | 30,317,845 | 13,716,067 | 28,719 | 51,766,234 |
| Foundry and machine-shop products,                                 | . | 18  | 378,640    | 229,145    | 190,128    | 302    | 522,256    |
| Lumber, planing-mill products,                                     | . | 6   | 30,476     | 124,048    | 49,189     | 73     | 211,676    |
| Mineral and soda waters,   | . | 8   | 83,724     | 42,339     | 15,837     | 28     | 66,285     |
| Monuments and tombstones,  | . | 8   | 27,108     | 10,449     | 9,738      | 12     | 35,319     |
| Oil, not elsewhere specified,                                      | . | 4   | 184,046    | 690,137    | 40,196     | 66     | 760,314    |
| Printing and publishing,   | . | 19  | 527,784    | 180,778    | 191,177    | 266    | 531,783    |
| Sausage, not made in slaughtering and meat-packing establishments, | . | 6   | 49,790     | 255,739    | 31,200     | 33     | 311,418    |
| Tobacco manufactures,  | . | 4   | 7,572      | 7,891      | 4,201      | 7      | 18,086     |
| Other industries,  | . | 73  | 7,696,292  | 5,064,428  | 2,134,667  | 3,489  | 10,112,163 |
| NEWBURYPORT.   |   | 54  | 5,573,159  | 4,767,065  | 1,655,808  | 3,219  | 2,245,293  |
| Boot and shoe cut stock and findings,                              | . | 5   | 190,195    | 216,335    | 53,397     | 146    | 389,320    |
| Boots and shoes,   | . | 9   | 1,690,155  | 2,163,244  | 905,513    | 1,778  | 3,646,541  |
| Boxes, fancy and paper,  | . | 3   | 24,545     | 25,308     | 21,685     | 45     | 57,183     |
| Bread and other bakery products,                                   | . | 10  | 177,928    | 158,189    | 43,231     | 82     | 336,785    |
| Other industries,  | . | 27  | 3,890,639  | 2,188,849  | 631,912    | 1,268  | 3,315,964  |
| NEWTON.  |   | 68  | 5,681,463  | 3,141,793  | 1,184,576  | 2,154  | 5,329,253  |
| Bread and other bakery products,                                   | . | 11  | 33,075     | 51,502     | 12,059     | 19     | 87,464     |
| Lumber, planing-mill products,                                     | . | 5   | 245,948    | 167,014    | 76,646     | 98     | 292,585    |
| Printing and publishing,   | . | 10  | 50,997     | 18,823     | 24,097     | 39     | 80,437     |
| Other industries,  | . | 33  | 5,246,448  | 2,904,454  | 1,071,774  | 1,968  | 5,363,997  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                      |   | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|---|---|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| NORTH ADAMS.                                |   |                          |                  |                                   |                                      |                                |                  |
| Bread and other bakery products,            | . | 70                       | \$15,080,248     | \$3,897,187                       | \$3,776,493                          | 5,263                          | \$10,933,576     |
| Foundry and machine-shop products,          | . | 10                       | 213,264          | 335,134                           | 75,221                               | 183                            | 614,004          |
| Mineral and soda waters,                    | . | 5                        | 330,167          | 104,346                           | 101,014                              | 163                            | 316,898          |
| Printing and publishing,                    | . | 5                        | 8,020            | 4,035                             | 2,035                                | 4                              | 12,920           |
| Tobacco manufactures,                       | . | 7                        | 104,915          | 37,557                            | 45,033                               | 73                             | 133,230          |
| Other industries,                           | . | 8                        | 21,053           | 30,169                            | 30,980                               | 51                             | 82,760           |
|   |   | 85                       | 12,401,729       | 5,164,776                         | 2,530,805                            | 4,845                          | 9,768,773        |
| NORHAMPTON.                                 |   |                          |                  |                                   |                                      |                                |                  |
| Bread and other bakery products,            | . | 76                       | 11,060,040       | \$,838,330                        | 1,900,419                            | 3,446                          | \$,530,730       |
| Cutlery and tools, not elsewhere specified, | . | 11                       | 70,080           | 126,038                           | 32,777                               | 53                             | 228,304          |
| Printing and publishing,                    | . | 4                        | 541,133          | 123,901                           | 239,031                              | 439                            | 451,300          |
| Tobacco manufactures,                       | . | 7                        | 55,431           | 24,249                            | 32,068                               | 43                             | 113,571          |
| Other industries,                           | . | 6                        | 12,931           | 14,407                            | 9,031                                | 14                             | 36,793           |
|   |   | 47                       | 10,377,165       | 3,596,665                         | 1,646,902                            | 2,907                          | 7,760,492        |
| PITTSFIELD.                                 |   |                          |                  |                                   |                                      |                                |                  |
| Bread and other bakery products,            | . | 84                       | \$2,060,988      | 9,189,388                         | 4,682,517                            | 7,400                          | \$2,341,387      |
| Lumber and timber products,                 | . | 13                       | 91,933           | 175,461                           | 49,533                               | 71                             | 300,266          |
| Printing and publishing,                    | . | 6                        | 110,026          | 35,789                            | 26,796                               | 32                             | 56,937           |
| Woolen and worsted goods,                   | . | 11                       | 163,771          | 90,317                            | 84,435                               | 107                            | 266,378          |
| Other industries,                           | . | 5                        | 2,337,338        | 2,008,778                         | 1,037,570                            | 1,932                          | 3,687,302        |
|   |   | 45                       | 19,367,000       | 6,813,991                         | 3,463,943                            | 5,348                          | 17,901,354       |

| QUINCY.   | 177 | 11,576,798 | 5,087,779  | 4,584,888 | 5,788 | 19,097,458 |
|---|-----|------------|------------|-----------|-------|------------|
| Bread and other bakery products, . . . . .            | 10  | 10,000     | 38,056     | 11,623    | 20    | 81,740     |
| Cutlery and tools, not elsewhere specified, . . . . . | 4   | 40,183     | 26,788     | 15,402    | 22    | 60,967     |
| Foundry and machine-shop products, . . . . .          | 9   | 2,178,246  | 239,611    | 310,038   | 418   | 963,287    |
| Marble and stone work, . . . . .                      | 12  | 683,399    | 110,723    | 151,277   | 178   | 419,007    |
| Monuments and tombstones, . . . . .                   | 105 | 1,319,270  | 675,200    | 779,952   | 1,012 | 2,192,386  |
| Printing and publishing, . . . . .                    | 8   | 33,323     | 10,460     | 14,960    | 27    | 63,207     |
| Other industries, . . . . .                           | 29  | 7,132,773  | 3,979,941  | 3,301,430 | 4,106 | 8,328,869  |
| <b>SALAM.</b>   |     |            |            |           |       |            |
| Boot and shoe cut stock and findings, . . . . .       | 178 | 9,883,580  | 8,145,417  | 8,809,918 | 5,894 | 18,668,688 |
| Boots and shoes, . . . . .                            | 26  | 346,241    | 664,149    | 156,950   | 394   | 997,481    |
| Bread and other bakery products, . . . . .            | 13  | 1,872,228  | 2,713,140  | 1,141,786 | 2,159 | 4,686,790  |
| Foundry and machine-shop products, . . . . .          | 21  | 95,328     | 196,585    | 55,252    | 87    | 317,614    |
| Leather, tanned, curried, and finished, . . . . .     | 16  | 343,635    | 134,897    | 109,001   | 141   | 322,323    |
| Mineral and soda waters, . . . . .                    | 31  | 1,516,107  | 2,441,143  | 618,327   | 1,102 | 3,708,309  |
| Printing and publishing, . . . . .                    | 4   | 36,047     | 12,605     | 3,293     | 6     | 30,192     |
| Other industries, . . . . .                           | 15  | 240,268    | 90,900     | 76,761    | 119   | 341,674    |
| <b>SOMERVILLE.</b>                                    |     |            |            |           |       |            |
| Bread and other bakery products, . . . . .            | 144 | 80,396,406 | 86,406,539 | 8,539,631 | 5,489 | 43,971,391 |
| Carriages and wagons, and materials, . . . . .        | 31  | 198,305    | 385,067    | 119,940   | 172   | 667,874    |
| Confectionery and ice cream, . . . . .                | 4   | 75,004     | 31,309     | 31,185    | 45    | 71,845     |
| Foundry and machine-shop products, . . . . .          | 8   | 86,074     | 181,302    | 46,620    | 77    | 311,197    |
| Printing and publishing, . . . . .                    | 10  | 196,007    | 87,824     | 52,480    | 79    | 210,389    |
| Other industries, . . . . .                           | 17  | 53,007     | 22,013     | 29,792    | 44    | 113,635    |
| <b>Other industries, . . . . .</b>                    | 74  | 20,289,099 | 35,799,094 | 3,059,664 | 5,012 | 42,596,351 |

Not including bookbinding and blank-book making.



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                       | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---------------------------------------|---------------------|--|---|--|---------------------|
| SPRINGFIELD.   |                                       |                     |  |   |  |                     |
| Automobiles, including bodies and parts, . . . . .           | 386                                   | \$44,758,587        | \$31,918,188                               | \$9,860,165                                   | 14,840                                   | \$44,433,864        |
| Automobile repairing, . . . . .                              | 7                                     | 1,799,577           | 789,089                                    | 444,026                                       | 478                                      | 1,394,384           |
| Brass, bronze, and copper products, . . . . .                | 11                                    | 78,745              | 36,523                                     | 34,203  | 39                                       | 116,375             |
| Bread and other bakery products, . . . . .                   | 6                                     | 340,587             | 379,137                                    | 117,089                                       | 176                                      | 480,484             |
| Carriages and wagons, and materials, . . . . .               | 46                                    | 704,837             | 766,120                                    | 191,165                                       | 286                                      | 1,414,101           |
| Copper, tin, and sheet-iron products, . . . . .              | 7                                     | 136,534             | 41,742                                     | 30,741  | 38                                       | 105,194             |
| Cutlery and tools, not elsewhere specified, . . . . .        | 10                                    | 97,115              | 69,427                                     | 59,398  | 78                                       | 179,345             |
| Fancy articles, not elsewhere specified, . . . . .           | 5                                     | 715,523             | 127,160                                    | 237,531                                       | 239                                      | 784,291             |
| Foundry and machine-shop products, <sup>1</sup> . . . . .    | 4                                     | 74,001              | 43,163                                     | 29,365  | 74                                       | 113,773             |
| Lumber, planing-mill products, . . . . .                     | 29                                    | 4,969,885           | 1,072,271                                  | 1,021,230                                     | 1,446                                    | 3,288,560           |
| Mattresses and spring beds, . . . . .                        | 5                                     | 212,651             | 230,744                                    | 64,165  | 79                                       | 342,738             |
| Mineral and soda waters, . . . . .                           | 6                                     | 184,480             | 102,395                                    | 34,309  | 66                                       | 177,168             |
| Models and patterns, not including paper patterns, . . . . . | 8                                     | 46,868              | 37,371                                     | 12,517  | 18                                       | 66,983              |
| Paper goods, not elsewhere specified, . . . . .              | 5                                     | 16,428              | 3,579                                      | 26,046  | 28                                       | 49,878              |
| Photo-engraving, . . . . .                                   | 7                                     | 1,291,206           | 967,818                                    | 253,916                                       | 479                                      | 1,584,296           |
| Printing and publishing, . . . . .                           | 4                                     | 29,129              | 8,440                                      | 50,252  | 46                                       | 90,415              |
| Tobacco manufactures, . . . . .                              | 59                                    | 4,218,868           | 1,037,160                                  | 815,627                                       | 1,166                                    | 3,766,770           |
| Other industries, . . . . .                                  | 26                                    | 346,943             | 414,234                                    | 246,320                                       | 487                                      | 920,205             |
|  | 140                                   | \$9,504,416         | \$15,948,774                               | \$5,992,535                                   | 8,917                                    | \$9,636,155         |

## TAUNTON.

|  | 115 | 17,693,819 | 8,105,824 | 4,134,384 | 7,371 | 15,886,819 |
|--|-----|------------|-----------|-----------|-------|------------|
| Bread and other bakery products, . . . . .                               | 11  | 36,554     | 164,060   | 47,535    | 70    | 266,275    |
| Brick and tile, . . . . .  | 4   | 439,636    | 92,416    | 130,092   | 225   | 304,195    |
| Cotton goods, . . . . .  | 8   | 6,604,569  | 3,193,919 | 1,307,177 | 2,915 | 6,379,066  |
| Foundry and machine-shop products, . . . . .                             | 11  | 2,860,731  | 592,305   | 546,377   | 864   | 1,292,495  |
| Lumber and timber products, . . . . .                                    | 4   | 44,700     | 37,345    | 22,542    | 35    | 83,388     |
| Mineral and soda waters, . . . . .                                       | 3   | 12,300     | 6,266     | 2,070     | 8     | 16,500     |
| Printing and publishing, . . . . .                                       | 9   | 149,305    | 46,687    | 49,320    | 78    | 162,456    |
| Stoves and hot-air furnaces, not including gas and oil stoves, . . . . . | 6   | 1,163,443  | 524,323   | 635,543   | 817   | 1,704,061  |
| Tobacco manufactures, . . . . .  | 6   | 15,775     | 17,687    | 13,655    | 26    | 43,120     |
| Other industries, . . . . .  | 53  | 6,318,404  | 3,631,277 | 1,379,113 | 2,343 | 6,694,276  |

## WALTEAM.

|  | 38 | 32,599,913 | 9,315,435 | 4,004,593 | 6,465 | 10,330,918 |
|--|----|------------|-----------|-----------|-------|------------|
| Bread and other bakery products, . . . . .   | 9  | 74,880     | 196,637   | 43,737    | 55    | 305,638    |
| Confectionery and ice cream, . . . . .       | 6  | 5,700      | 28,736    | 6,772     | 11    | 52,700     |
| Foundry and machine-shop products, . . . . . | 15 | 809,824    | 228,540   | 289,218   | 410   | 679,345    |
| Marble and stone work, . . . . .             | 4  | 10,400     | 5,005     | 4,113     | 6     | 16,360     |
| Tobacco manufactures, . . . . .              | 3  | 5,345      | 8,182     | 7,900     | 9     | 21,631     |
| Watch and clock materials, . . . . .         | 4  | 104,495    | 34,127    | 67,371    | 108   | 131,637    |
| Other industries, . . . . .                  | 47 | 21,231,619 | 3,217,188 | 3,595,067 | 5,966 | 9,029,631  |

## WOBURN.

|   | 37 | 9,778,036 | 3,351,330 | 914,653 | 1,665 | 6,317,306 |
|---|----|-----------|-----------|---------|-------|-----------|
| Boot and shoe cut stock and findings, . . . . .   | 4  | 109,212   | 71,943    | 24,510  | 81    | 118,895   |
| Bread and other bakery products, . . . . .        | 4  | 8,100     | 21,460    | 9,332   | 15    | 39,100    |
| Foundry and machine-shop products, . . . . .      | 6  | 361,843   | 118,324   | 90,243  | 142   | 285,642   |
| Leather, tanned, curried, and finished, . . . . . | 19 | 7,201,716 | 2,238,537 | 833,887 | 919   | 8,451,202 |
| Other industries, . . . . .                       | 24 | 2,091,165 | 801,816   | 246,181 | 408   | 1,632,037 |

<sup>1</sup> Not including automobile repairing, the figures for which are separately presented.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

## B. THE 33 CITIES: BY INDUSTRIES — Concluded.

| CITIES AND INDUSTRIES.                             |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---|---------------------------------------|---------------------|--|---|--|---------------------|
| WORCESTER.   |   | 606                                   | \$79,243,067        | \$45,793,931                               | \$17,532,536                                  | \$9,468                                  | \$32,332,359        |
| Awnings, tents, and sails,                         | . | 4                                     | 9,080               | 11,028                                     | 4,083   | 12                                       | 20,434              |
| Boots and shoes,                                   | . | 9                                     | 1,841,880           | 1,768,787                                  | 502,980                                       | 909                                      | 2,627,744           |
| Brass, bronze, and copper products,                | . | 4                                     | 53,453              | 36,960                                     | 13,907  | 16                                       | 56,884              |
| Bread and other bakery products,                   | . | 71                                    | 474,337             | 917,107                                    | 231,325                                       | 397                                      | 1,507,615           |
| Carriages and wagons, and materials,               | . | 10                                    | 165,129             | 57,092                                     | 55,193  | 78                                       | 170,218             |
| Clothing, men's,                                   | . | 13                                    | 297,333             | 404,831                                    | 109,331                                       | 240                                      | 668,430             |
| Clothing, women's,                                 | . | 19                                    | 699,508             | 924,191                                    | 315,404                                       | 834                                      | 1,651,533           |
| Confectionery and ice cream,                       | . | 13                                    | 71,364              | 124,910                                    | 38,767  | 46                                       | \$38,784            |
| Confectionery,                                     | . | 8                                     | 31,751              | 70,656                                     | 21,277  | 29                                       | 122,174             |
| Ice cream,   | . | 5                                     | 39,608              | 33,554                                     | 11,490  | 17                                       | 116,610             |
| Copper, tin, and sheet-iron products, <sup>1</sup> | . | 17                                    | 1,090,292           | 473,384                                    | 317,566                                       | 518                                      | 1,191,014           |
| Cutlery and tools, not elsewhere specified,        | . | 12                                    | 793,047             | 198,151                                    | 276,379                                       | 337                                      | 656,483             |
| Electroplating,                                    | . | 5                                     | 19,914              | 11,973                                     | 17,805  | 33                                       | 45,465              |
| Engraving and diecasting,                          | . | 4                                     | 2,195               | 110  | 1,650   | 3  | 7,321               |
| Foundry and machine-shop products,                 | . | 89                                    | 15,870,648          | 4,545,192                                  | 4,019,518                                     | 6,048                                    | 12,235,893          |
| Lumber, planing-mill products,                     | . | 9                                     | 1,406,662           | 438,490                                    | 303,275                                       | 398                                      | 891,332             |
| Mineral and soda waters,                           | . | 7                                     | 96,334              | 61,876                                     | 30,615  | 39                                       | 141,270             |

|  |              |                        |                      |                      |                |                        |
|--|--------------|------------------------|----------------------|----------------------|----------------|------------------------|
| Models and patterns, not including paper patterns, . . . . .                 | 4            | 11,708                 | 6,589                | 18,972               | 24             | 38,244                 |
| Patent medicines and compounds, and druggists' preparations, . . . . .       | 11           | 171,250                | 78,897               | 39,836               | 79             | 177,912                |
| Photographic materials, . . . . .  | 3            | 88,629                 | 34,786               | 20,913               | 37             | 92,930                 |
| Printing and publishing, . . . . .   | 59           | 995,775                | 448,401              | 451,111              | 690            | 1,628,649              |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 4            | 65,736                 | 233,766              | 23,723               | 39             | 277,400                |
| Tobacco manufactures, . . . . .  | 20           | 55,232                 | 77,728               | 50,604               | 83             | 173,007                |
| Window shades and fixtures, . . . . .  | 3            | 56,623                 | 17,147               | 7,992                | 15             | 39,980                 |
| Wirework, including wire rope and cable, . . . . .                           | 9            | 2,733,615              | 1,236,873            | 554,339              | 1,046          | 2,603,834              |
| Woolen and worsted goods, . . . . .  | 12           | 2,006,339              | 2,291,969            | 691,805              | 1,533          | 3,585,143              |
| Other industries, . . . . .  | 195          | 50,636,804             | 31,334,503           | 9,532,349            | 15,928         | 52,111,608             |
| <b>TOTAL FOR THE 33 CITIES, . . . . .</b>                                    | <b>3,898</b> | <b>\$1,153,083,746</b> | <b>\$686,455,668</b> | <b>\$349,382,578</b> | <b>458,350</b> | <b>\$1,517,466,316</b> |

<sup>1</sup> Includes 11 establishments manufacturing stamped and enameled ware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

| Industries.  | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>METROPOLITAN BOSTON.</b>                        |                          |                  |                                   |                                      |                                |                  |
| Artificial stone, . . . . .                        | 5,153                    | \$474,333,536    | \$323,455,579                     | \$197,139,932                        | 172,375                        | \$334,115,532    |
| Automobiles, including bodies and parts, . . . . . | 17                       | 236,068          | 106,253                           | 138,301                              | 197                            | 368,449          |
| Automobile repairing and vulcanizing, . . . . .    | 27                       | 2,473,264        | 2,197,519                         | 1,064,442                            | 1,338                          | 4,334,090        |
| Awnings, tents, and sails, . . . . .               | 31                       | 184,451          | 124,446                           | 146,003                              | 166                            | 392,394          |
| Baskets, and rattan and willow ware, . . . . .     | 25                       | 183,239          | 320,309                           | 132,881                              | 208                            | 608,551          |
| Bedding and hose, leather, . . . . .               | 6                        | 12,055           | 22,618                            | 13,021                               | 29                             | 52,832           |
| Billiard tables and materials, . . . . .           | 4                        | 310,126          | 623,468                           | 36,290                               | 52                             | 908,887          |
| Blackings, stains, and dressings, . . . . .        | 5                        | 137,759          | 106,722                           | 31,262                               | 41                             | 192,334          |
| Bookbinding and blank-book making, . . . . .       | 32                       | 1,032,968        | 1,490,237                         | 214,842                              | 433                            | 2,635,966        |
| Boot and shoe cut stock and findings, . . . . .    | 63                       | 1,399,333        | 685,099                           | 915,522                              | 1,737                          | 2,276,226        |
| Boots and shoes, . . . . .                         | 151                      | 12,722,892       | 25,751,926                        | 1,606,388                            | 2,965                          | 30,015,048       |
| Boots and shoes, . . . . .                         | 147                      | 29,492,304       | 34,949,155                        | 15,767,105                           | 25,926                         | 61,323,454       |
| Boxes, fancy and paper, . . . . .                  | 5                        | 18,793,005       | 7,939,778                         | 3,809,798                            | 6,832                          | 18,435,960       |
| Boxes, wooden packing, . . . . .                   | 43                       | 1,744,844        | 1,615,965                         | 942,730                              | 2,134                          | 3,282,160        |
| Brass, bronze, and copper products, . . . . .      | 10                       | 1,092,839        | 798,537                           | 270,911                              | 468                            | 1,356,911        |
| Bread and other bakery products, . . . . .         | 36                       | 1,834,605        | 1,886,693                         | 539,179                              | 806                            | 2,400,638        |
| Brick and tile, . . . . .                          | 537                      | 8,006,192        | 9,772,015                         | 2,658,069                            | 4,492                          | 18,643,496       |
|  | 10                       | 642,003          | 145,026                           | 210,555                              | 341                            | 460,753          |

|  |     |            |            |           |        |            |
|--|-----|------------|------------|-----------|--------|------------|
| Canning and preserving, . . . . .                                      | 29  | 1,197,196  | 1,787,345  | 259,217   | 488    | 2,807,082  |
| Carriages and wagons, and materials, . . . . .                         | 50  | 874,601    | 441,031    | 433,151   | 592    | 1,150,574  |
| Chemicals, . . . . .   | 18  | 4,094,418  | 2,126,641  | 535,180   | 820    | 4,263,374  |
| Cleansing and polishing preparations, . . . . .                        | 20  | 373,707    | 292,268    | 33,064    | 53     | 573,690    |
| Clothing, men's, . . . . .   | 183 | 6,262,625  | 7,947,186  | 2,745,000 | 4,968  | 14,440,631 |
| Clothing, men's, buttonholes, . . . . .                                | 3   | 1,050      | 826        | 1,560     | 4      | 6,072      |
| Clothing, women's, . . . . .   | 160 | 3,578,131  | 5,887,926  | 2,375,899 | 4,514  | 10,831,235 |
| Coffee and spice, roasting and grinding, . . . . .                     | 18  | 3,613,738  | 6,233,300  | 253,073   | 454    | 8,561,539  |
| Confectionery and ice cream, . . . . .                                 | 124 | 10,189,577 | 19,091,659 | 9,661,366 | 6,533  | 19,903,445 |
| Confectionery, . . . . .   | 95  | 9,567,502  | 11,219,748 | 2,474,275 | 6,294  | 18,368,949 |
| Ice cream, . . . . .   | 39  | 661,776    | 874,831    | 137,061   | 244    | 1,534,506  |
| Cooperage, . . . . .   | 4   | 354,463    | 491,310    | 169,168   | 276    | 737,707    |
| Copper, tin, and sheet-iron products, . . . . .                        | 74  | 1,832,630  | 1,255,680  | 692,988   | 990    | 2,788,404  |
| Cordials and sirups, . . . . .   | 9   | 213,301    | 329,178    | 24,572    | 51     | 519,049    |
| Cutlery and tools, not elsewhere specified, . . . . .                  | 32  | 3,873,155  | 819,101    | 444,761   | 853    | 3,448,014  |
| Dentists' materials, . . . . .   | 8   | 70,214     | 408,920    | 33,313    | 55     | 484,512    |
| Dyeing and finishing textiles, . . . . .                               | 14  | 1,988,743  | 632,213    | 549,051   | 1,109  | 1,595,208  |
| Dyestuffs and extracts, . . . . .                                      | 13  | 666,596    | 698,268    | 62,598    | 88     | 1,022,334  |
| Electrical machinery, apparatus, and supplies, . . . . .               | 59  | 27,419,716 | 9,512,864  | 7,319,573 | 12,262 | 35,946,354 |
| Electroplating, . . . . .  | 25  | 74,872     | 46,659     | 84,932    | 113    | 201,135    |
| Enameling and japanning, . . . . .                                     | 4   | 37,533     | 9,650      | 13,531    | 19     | 35,069     |
| Engraving and dieinking, . . . . .                                     | 25  | 66,723     | 28,574     | 63,491    | 74     | 154,553    |
| Engraving, steel and copper plate, including plate printing, . . . . . | 24  | 553,126    | 132,756    | 233,990   | 347    | 652,868    |
| Fancy articles, not elsewhere specified, . . . . .                     | 15  | 346,786    | 237,902    | 162,154   | 319    | 548,797    |
| Felt goods, . . . . .  | 6   | 1,604,351  | 596,062    | 105,329   | 262    | 1,013,847  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

| INDUSTRIES.  | Number of Establishments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Number of Wage-Earners | Value of Product |
|--|--------------------------|------------------|-----------------------------------|--------------------------------------|--------------------------------|------------------|
| <b>Metropolitan Boston — Continued.</b>                    |                          |                  |                                   |                                      |                                |                  |
| Flavoring extracts, . . . . .                              | 14                       | \$368,942        | \$352,422                         | \$33,514                             | 70                             | \$702,277        |
| Flour-mill and grist-mill products, . . . . .              | 7                        | 119,484          | 137,969                           | 4,185                                | 8                              | 157,166          |
| Food preparations, . . . . .                               | 42                       | 871,757          | 1,433,151                         | 218,552                              | 356                            | 3,096,600        |
| Foundry and machine-shop products, . . . . .               | 266                      | 22,572,087       | 6,712,576                         | 5,744,893                            | 8,080                          | 18,728,881       |
| Fur goods, . . . . .                                       | 17                       | 522,963          | 476,267                           | 146,276                              | 208                            | 861,877          |
| Furnishing goods, men's, . . . . .                         | 7                        | 428,700          | 668,041                           | 117,849                              | 237                            | 1,039,635        |
| Furniture, . . . . .                                       | 71                       | 4,704,277        | 2,579,754                         | 1,656,517                            | 2,505                          | 6,314,106        |
| Gas and electric fixtures, . . . . .                       | 11                       | 127,039          | 105,376                           | 71,584                               | 100                            | 342,092          |
| Gas, illuminating and heating, . . . . .                   | 14                       | 40,736,406       | 3,165,768                         | 799,907                              | 1,171                          | 8,924,168        |
| Glass, cutting, staining, and ornamenting, . . . . .       | 25                       | 106,717          | 60,264                            | 103,532                              | 141                            | 270,063          |
| Gold and silver, leaf and foil, . . . . .                  | 8                        | 81,364           | 110,699                           | 55,457                               | 99                             | 197,026          |
| Grease and tallow, . . . . .                               | 11                       | 1,022,660        | 756,052                           | 139,407                              | 194                            | 1,028,887        |
| Hand stamps and stencils and brands, . . . . .             | 20                       | 71,927           | 27,731                            | 48,881                               | 66                             | 162,726          |
| Hardware, . . . . .  | 18                       | 317,057          | 100,324                           | 103,970                              | 141                            | 304,244          |
| Hats and caps, other than felt, straw, and wool, . . . . . | 29                       | 185,914          | 396,641                           | 163,803                              | 278                            | 712,407          |
| Hosiery and knit goods, . . . . .                          | 32                       | 5,057,415        | 3,344,799                         | 1,313,668                            | 2,532                          | 6,145,781        |
| House-furnishing goods, not elsewhere specified, . . . . . | 30                       | 831,038          | 736,472                           | 177,830                              | 893                            | 1,161,628        |





TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

| Industries.  | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---------------------------------------|---------------------|--|---|--|---------------------|
| <b>Metropolitan Boston — Concluded.</b>                                      |                                       |                     |  |   |  |                     |
| Plumbers' supplies, . . . . .  | 0                                     | \$309,618           | \$340,904                                  | \$184,917                                     | 338                                      | \$991,133           |
| Postbooks, . . . . .   | 6                                     | 80,333              | 79,984                                     | 28,308  | 66                                       | 137,086             |
| Printing and publishing, book and job, . . . . .                             | 436                                   | 14,686,118          | 4,308,341                                  | 9,649,141                                     | 8,130                                    | 18,758,855          |
| Printing and publishing, newspapers and periodicals, . . . . .               | 343                                   | 19,436,897          | 6,584,483                                  | 9,439,377                                     | 8,468                                    | 19,548,869          |
| Refrigerators, . . . . .   | 8                                     | 198,643             | 181,390                                    | 98,008  | 83                                       | 336,703             |
| Rubber goods, not elsewhere specified, . . . . .                             | 19                                    | 2,837,339           | 1,933,066                                  | 436,338                                       | 766                                      | 3,027,066           |
| Saddlery and harness, . . . . .  | 15                                    | 50,388              | 83,147                                     | 88,638  | 47                                       | 122,384             |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 10                                    | 843,869             | 1,170,340                                  | 143,043                                       | 197                                      | 1,461,860           |
| Screws, machine, . . . . .   | 8                                     | 431,697             | 119,719                                    | 98,187  | 149                                      | 282,773             |
| Shipbuilding, wooden, including boat building, . . . . .                     | 23                                    | 371,463             | 330,090                                    | 197,396                                       | 339                                      | 614,669             |
| Shirts, . . . . .  | 7                                     | 608,398             | 316,713                                    | 109,714                                       | 338                                      | 432,343             |
| Show cases, . . . . .  | 9                                     | 83,746              | 68,607                                     | 43,816  | 31                                       | 144,564             |
| Signs and advertising novelties, . . . . .                                   | 13                                    | 307,853             | 196,193                                    | 146,639                                       | 373                                      | 491,043             |
| Slaughtering and meat packing, . . . . .                                     | 21                                    | 18,398,564          | 37,083,949                                 | 1,389,361                                     | 3,473                                    | 41,866,388          |
| Soap, . . . . .  | 23                                    | 3,399,603           | 1,933,439                                  | 509,333                                       | 374                                      | 3,926,336           |
| Stationery goods, not elsewhere specified, . . . . .                         | 7                                     | 604,973             | 711,976                                    | 376,168                                       | 543                                      | 1,166,161           |
| Statuary and art goods, . . . . .  | 13                                    | 648,593             | 38,500                                     | 101,383                                       | 138                                      | 273,344             |

|   |     |             |            |            |        |             |
|---|-----|-------------|------------|------------|--------|-------------|
| Steam fittings and steam and hot-water heating apparatus, . . . . . | 10  | 5,151,802   | 1,225,156  | 1,147,550  | 1,801  | 3,257,203   |
| Steam packing, . . . . .  | 10  | 118,408     | 91,499     | 48,072     | 57     | 219,944     |
| Stereotyping and electrotyping, . . . . .                           | 8   | 183,608     | 95,096     | 118,960    | 156    | 319,643     |
| Structural ironwork, . . . . .                                      | 41  | 2,433,923   | 1,499,904  | 977,684    | 1,305  | 3,203,182   |
| Suspenders, garters, and elastic woven goods, . . . . .             | 15  | 1,932,448   | 1,760,212  | 574,603    | 1,276  | 3,107,500   |
| Surgical appliances, . . . . .                                      | 12  | 139,562     | 99,742     | 81,003     | 125    | 280,239     |
| Tobacco manufactures, . . . . .                                     | 144 | 3,284,495   | 2,814,975  | 2,359,481  | 2,753  | 6,870,000   |
| Trunks and valises, . . . . .                                       | 17  | 291,962     | 289,893    | 115,582    | 192    | 558,940     |
| Watch and clock materials, . . . . .                                | 5   | 137,905     | 37,212     | 84,457     | 158    | 165,755     |
| Window and door screens and weather strips, . . . . .               | 14  | 82,979      | 97,153     | 54,161     | 90     | 231,382     |
| Window shades and fixtures, . . . . .                               | 10  | 150,389     | 265,247    | 37,257     | 63     | 391,264     |
| Wirework, including wire rope and cable, . . . . .                  | 9   | 133,809     | 73,354     | 82,240     | 118    | 235,652     |
| Wood, turned and carved, . . . . .                                  | 11  | 94,387      | 18,170     | 26,144     | 34     | 61,101      |
| Wooden goods, not elsewhere specified, . . . . .                    | 6   | 129,373     | 181,583    | 57,359     | 81     | 294,071     |
| Woolen and worsted goods, . . . . .                                 | 4   | 2,426,879   | 2,320,333  | 593,481    | 1,066  | 3,445,535   |
| Other industries, . . . . .   | 404 | 122,150,762 | 65,328,979 | 20,298,327 | 31,553 | 109,782,053 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

| CITIES AND TOWNS.           |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|-----------------------------|---|---------------------------------------|---------------------|--|---|--|---------------------|
| <b>METROPOLITAN BOSTON.</b> |   |                                       |                     |  |   |  |                     |
| Boston,                     | . | 5,182                                 | \$474,352,526       | \$222,455,579                              | \$197,129,932                                 | 172,575                                  | \$584,115,582       |
| Lynn,                       | . | 3,128                                 | 215,176,512         | 150,568,280                                | 49,444,277                                    | 78,994                                   | 284,802,479         |
| Cambridge,                  | . | 429                                   | 44,252,508          | 38,095,177                                 | 15,593,482                                    | 25,239                                   | 69,783,418          |
| Somerville,                 | . | 316                                   | 48,999,298          | 31,534,606                                 | 10,215,990                                    | 16,749                                   | 57,483,949          |
| Chelsea,                    | . | 144                                   | 20,896,406          | 36,494,539                                 | 8,339,681                                     | 6,459                                    | 43,971,291          |
| Watertown,                  | . | 122                                   | 12,418,891          | 9,414,598                                  | 3,883,613                                     | 6,241                                    | 16,971,028          |
| Everett,                    | . | 30                                    | 10,943,565          | 6,093,617                                  | 2,565,286                                     | 4,787                                    | 14,764,236          |
| Quincy,                     | . | 85                                    | 36,408,547          | 6,510,783                                  | 2,046,660                                     | 8,226                                    | 13,219,200          |
| Waltham,                    | . | 177                                   | 11,376,792          | 5,087,779                                  | 4,584,382                                     | 5,783                                    | 12,097,452          |
| Malden,                     | . | 92                                    | 22,292,212          | 3,915,485                                  | 4,004,598                                     | 6,465                                    | 10,266,912          |
| Weymouth,                   | . | 40                                    | 7,601,946           | 5,089,347                                  | 1,477,471                                     | 2,860                                    | 8,366,244           |
| Wakefield,                  | . | 22                                    | 4,204,979           | 3,148,814                                  | 1,196,973                                     | 2,074                                    | 8,261,041           |
| Newton,                     | . | 58                                    | 5,581,468           | 3,141,793                                  | 1,184,576                                     | 2,154                                    | 5,822,883           |
| Woburn,                     | . | 57                                    | 9,773,086           | 2,351,380                                  | 914,933                                       | 1,565                                    | 5,517,806           |
| Winchester,                 | . | 19                                    | 2,527,427           | 3,602,002                                  | 643,440                                       | 1,048                                    | 5,159,479           |
| Braintree,                  | . | 18                                    | 3,806,912           | 3,439,968                                  | 1,191,692                                     | 1,812                                    | 4,008,791           |
| Canton,                     | . | 18                                    | 2,888,092           | 1,960,504                                  | 509,506                                       | 879                                      | 3,201,761           |

|                           |   |   |   |   |   |   |   |   |   |    |           |           |         |       |           |
|---------------------------|---|---|---|---|---|---|---|---|---|----|-----------|-----------|---------|-------|-----------|
| Madroad,                  | . | . | . | . | . | . | . | . | . | 54 | 2,268,772 | 1,955,336 | 355,268 | 559   | 2,618,803 |
| Melrose,                  | . | . | . | . | . | . | . | . | . | 26 | 3,472,706 | 1,284,121 | 494,407 | 902   | 2,490,029 |
| Stonham,                  | . | . | . | . | . | . | . | . | . | 23 | 1,131,548 | 1,566,176 | 497,602 | 1,041 | 2,481,775 |
| Needham,                  | . | . | . | . | . | . | . | . | . | 24 | 1,807,618 | 868,045   | 414,730 | 743   | 1,914,023 |
| Brookline,                | . | . | . | . | . | . | . | . | . | 21 | 1,122,761 | 217,575   | 228,908 | 335   | 668,502   |
| Arlington,                | . | . | . | . | . | . | . | . | . | 19 | 1,060,411 | 276,550   | 186,076 | 246   | 641,093   |
| Wellesley,                | . | . | . | . | . | . | . | . | . | 10 | 772,474   | 370,971   | 136,184 | 267   | 627,240   |
| Dedham,                   | . | . | . | . | . | . | . | . | . | 15 | 615,386   | 210,541   | 120,226 | 265   | 427,600   |
| Belmont,                  | . | . | . | . | . | . | . | . | . | 9  | 167,833   | 239,308   | 86,664  | 140   | 387,443   |
| Revere,                   | . | . | . | . | . | . | . | . | . | 27 | 445,424   | 219,667   | 68,633  | 80    | 349,696   |
| Lexington,                | . | . | . | . | . | . | . | . | . | 11 | 447,597   | 178,851   | 57,807  | 90    | 336,343   |
| Milton,                   | . | . | . | . | . | . | . | . | . | 6  | 178,466   | 72,492    | 27,098  | 58    | 176,743   |
| Hingham,                  | . | . | . | . | . | . | . | . | . | 8  | 103,486   | 59,566    | 68,227  | 124   | 166,766   |
| Winthrop,                 | . | . | . | . | . | . | . | . | . | 10 | 110,488   | 38,124    | 11,266  | 16    | 77,994    |
| Saugus,                   | . | . | . | . | . | . | . | . | . | 12 | 88,994    | 32,511    | 18,409  | 32    | 70,645    |
| Swampscott,               | . | . | . | . | . | . | . | . | . | 7  | 23,776    | 31,948    | 8,783   | 13    | 54,802    |
| Other towns, <sup>1</sup> | . | . | . | . | . | . | . | . | . | 17 | 303,331   | 120,788   | 98,563  | 115   | 311,128   |

<sup>1</sup> Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 E. FOR 117 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

| TOWNS AND INDUSTRIES.                          |   | Number<br>of Es-<br>tab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|--|---|--|---------------------|--|---|--|---------------------|
| Abington,                                      | . | 22   | \$2,867,771         | \$2,836,199                                | \$932,080                                     | 1,478                                    | \$4,751,315         |
| Acton,   | . | 12   | 1,413,160           | 486,512                                    | 155,319                                       | 227                                      | 844,450             |
| Adams,   | . | 55   | 7,119,510           | 3,797,919                                  | 1,798,435                                     | 3,980                                    | 6,550,538           |
| Bread and other bakery products,               | . | 6  | 72,372              | 54,654                                     | 16,106  | 26                                       | 105,159             |
| Cotton goods,                                  | . | 4  | 5,513,951           | 2,905,442                                  | 1,500,653                                     | 3,314                                    | 5,089,455           |
| Tobacco manufactures,                          | . | 6  | 13,248              | 6,589                                      | 3,694   | 8  | 16,486              |
| Other industries,                              | . | 19   | 1,519,729           | 770,534                                    | 273,032                                       | 583                                      | 1,219,122           |
| Amesbury,                                      | . | 69   | \$,604,041          | 1,804,877                                  | 1,009,000                                     | 1,451                                    | \$,551,454          |
| Automobiles, including bodies and parts,       | . | 14   | 1,053,939           | 792,978                                    | 551,284                                       | 624                                      | 1,798,764           |
| Boots and shoes,                               | . | 3  | 301,720             | 267,059                                    | 116,402                                       | 208                                      | 464,118             |
| Bread and other bakery products,               | . | 3  | 5,450               | 23,564                                     | 6,612   | 9  | 39,350              |
| Shipbuilding, wooden, including boat building, | . | 6  | 40,849              | 42,661                                     | 14,040  | 22                                       | 70,200              |
| Other industries,                              | . | 33   | 1,302,093           | 678,515                                    | 320,642                                       | 588                                      | 1,269,002           |
| Amherst,                                       | . | 21   | 1,317,876           | 872,723                                    | 235,924                                       | 488                                      | 1,437,990           |
| Andover,                                       | . | 12   | 3,407,594           | 1,414,398                                  | 638,869                                       | 1,265                                    | 2,745,108           |
| Arlington,                                     | . | 19   | 1,056,411           | 276,850                                    | 135,076                                       | 246                                      | 641,092             |
| Ashburnham,                                    | . | 12   | 916,787             | 211,988                                    | 201,793                                       | 341                                      | 552,313             |
| Attol,   | . | 43   | 7,653,949           | 2,251,848                                  | 1,348,271                                     | 2,377                                    | 4,745,224           |

|                                    |     |            |           |           |       |            |
|------------------------------------|-----|------------|-----------|-----------|-------|------------|
| Attleborough, . . . . .            | 161 | 16,666,604 | 7,379,347 | 9,516,140 | 6,063 | 19,946,384 |
| Electroplating, . . . . .          | 5   | 46,202     | 20,465    | 13,773    | 29    | 51,155     |
| Engraving and dieinking, . . . . . | 11  | 63,707     | 4,836     | 31,184    | 46    | 66,996     |
| Jewelry, . . . . .                 | 90  | 8,226,477  | 4,401,305 | 2,075,255 | 3,390 | 8,353,935  |
| Other industries, . . . . .        | 45  | 7,380,118  | 2,983,941 | 1,397,928 | 2,593 | 6,475,798  |
| Ayer, . . . . .                    | 14  | 244,022    | 142,709   | 75,536    | 141   | 304,907    |
| Barnstable, . . . . .              | 15  | 54,574     | 57,372    | 22,271    | 43    | 109,029    |
| Barr, . . . . .                    | 9   | 2,170,008  | 734,222   | 340,262   | 733   | 1,396,785  |
| Becket, . . . . .                  | 8   | 219,180    | 97,432    | 49,698    | 101   | 208,842    |
| Belmont, . . . . .                 | 9   | 167,823    | 239,308   | 86,984    | 140   | 387,443    |
| Billerica, . . . . .               | 10  | 4,998,044  | 1,470,568 | 553,016   | 955   | 2,422,427  |
| Braintree, . . . . .               | 18  | 3,309,912  | 3,439,968 | 1,191,692 | 1,812 | 4,608,791  |
| Bridgewater, . . . . .             | 21  | 2,455,841  | 4,308,629 | 1,510,769 | 2,398 | 6,555,266  |
| Brookfield, . . . . .              | 4   | 414,612    | 574,000   | 152,722   | 249   | 914,816    |
| Brookline, . . . . .               | 21  | 1,122,761  | 217,875   | 233,908   | 335   | 688,592    |
| Canton, . . . . .                  | 18  | 2,888,092  | 1,969,504 | 599,505   | 879   | 3,201,761  |
| Chester, . . . . .                 | 9   | 539,366    | 159,874   | 46,498    | 95    | 597,895    |
| Clinton, . . . . .                 | 36  | 8,576,076  | 3,610,262 | 1,883,990 | 4,064 | 6,735,297  |
| Concord, . . . . .                 | 6   | 619,377    | 312,388   | 127,908   | 200   | 680,592    |
| Dalton, . . . . .                  | 10  | 1,883,396  | 902,576   | 393,093   | 724   | 1,995,760  |
| Davers, . . . . .                  | 27  | 2,096,702  | 2,398,553 | 666,341   | 1,700 | 3,767,541  |
| Dedham, . . . . .                  | 15  | 615,386    | 210,541   | 120,236   | 256   | 427,690    |
| Deerfield, . . . . .               | 9   | 247,445    | 171,716   | 79,277    | 141   | 327,955    |
| Dighton, . . . . .                 | 10  | 581,370    | 742,133   | 403,807   | 643   | 1,580,275  |
| Douglas, . . . . .                 | 11  | 749,554    | 442,046   | 189,210   | 462   | 765,891    |
| Dudley, . . . . .                  | 10  | 2,231,830  | 1,175,114 | 556,109   | 1,176 | 1,971,815  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.              |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|------------------------------------|---|---------------------------------------|---------------------|--|---|--|---------------------|
| Easthampton,                       | . | 25                                    | \$7,022,198         | \$7,453,983                                | \$1,560,501                                   | 2,328                                    | \$10,019,260        |
| Easton,                            | . | 10                                    | 2,986,987           | 648,776                                    | 307,810                                       | 582                                      | 1,284,535           |
| Erving,                            | . | 6                                     | 932,460             | 578,570                                    | 364,220                                       | 633                                      | 1,248,337           |
| Essex,                             | . | 6                                     | 51,980              | 30,761                                     | 15,422  | 28                                       | 68,184              |
| Foxborough,                        | . | 15                                    | 777,589             | 342,608                                    | 235,119                                       | 379                                      | 800,072             |
| Framingham,                        | . | 49                                    | 9,324,889           | 4,447,083                                  | 2,256,880                                     | 3,962                                    | 8,726,574           |
| Franklin,                          | . | 27                                    | 2,108,794           | 1,760,344                                  | 549,627                                       | 986                                      | 2,986,317           |
| Gardner,                           | . | 64                                    | 19,533,991          | 3,079,460                                  | 2,084,084                                     | 3,964                                    | 7,449,387           |
| Bread and other bakery products,   | . | 6                                     | 12,880              | 52,655                                     | 19,438  | 29                                       | 96,060              |
| Foundry and machine-shop products, | . | 8                                     | 220,535             | 81,555                                     | 67,783  | 123                                      | 219,377             |
| Furniture,                         | . | 17                                    | 11,811,476          | 2,132,263                                  | 1,653,029                                     | 3,005                                    | 5,243,942           |
| Printing and publishing,           | . | 5                                     | 60,311              | 12,962                                     | 19,588  | 32                                       | 51,337              |
| Tobacco manufactures,              | . | 3                                     | 3,765               | 3,176                                      | 808   | 2  | 7,160               |
| Other industries,                  | . | 25                                    | 1,494,994           | 795,809                                    | 423,368                                       | 773                                      | 1,737,131           |
| Georgetown,                        | . | 7                                     | 166,086             | 321,776                                    | 76,083  | 154                                      | 266,573             |
| Grafton,                           | . | 14                                    | 2,048,029           | 1,794,739                                  | 716,071                                       | 1,468                                    | 2,866,237           |
| Great Barrington,                  | . | 21                                    | 3,232,140           | 1,408,738                                  | 603,319                                       | 1,035                                    | 2,332,797           |
| Greenfield,                        | . | 50                                    | 4,486,297           | 1,422,435                                  | 876,790                                       | 1,602                                    | 3,537,101           |
| Hanover,                           | . | 8                                     | 533,635             | 666,337                                    | 215,681                                       | 447                                      | 1,083,080           |
| Hanson,                            | . | 8                                     | 263,768             | 184,912                                    | 84,810  | 136                                      | 332,948             |

|  |   |   |   |   |   |   |   |           |           |           |       |            |
|--|---|---|---|---|---|---|---|-----------|-----------|-----------|-------|------------|
| Hingham,                                       | . | . | . | . | . | . | . | 193,496   | 59,265    | 68,337    | 124   | 166,756    |
| Hudson,  | . | . | . | . | . | . | . | 3,850,868 | 3,037,428 | 1,105,909 | 2,173 | 5,596,587  |
| Kingston,                                      | . | . | . | . | . | . | . | 279,733   | 146,788   | 85,038    | 139   | 263,856    |
| Lee,   | . | . | . | . | . | . | . | 1,784,029 | 963,264   | 483,667   | 964   | 1,707,700  |
| Leicester,                                     | . | . | . | . | . | . | . | 1,332,963 | 928,907   | 425,224   | 778   | 1,763,537  |
| Leominster,                                    | . | . | . | . | . | . | . | 6,610,197 | 5,409,008 | 2,574,861 | 4,989 | 10,888,094 |
| Bread and other bakery products,               | . | . | . | . | . | . | . | 14,777    | 65,434    | 19,662    | 26    | 105,772    |
| Combs and hairpins,                            | . | . | . | . | . | . | . | 1,309,533 | 1,666,218 | 745,291   | 1,410 | 2,891,268  |
| Foundry and machine-shop products,             | . | . | . | . | . | . | . | 66,140    | 10,372    | 20,908    | 27    | 47,004     |
| Other industries,                              | . | . | . | . | . | . | . | 5,227,798 | 3,767,984 | 1,788,520 | 3,466 | 7,798,965  |
| Lexington,                                     | . | . | . | . | . | . | . | 447,697   | 173,861   | 87,607    | 90    | 326,243    |
| Manchester,                                    | . | . | . | . | . | . | . | 86,272    | 26,254    | 25,539    | 33    | 84,377     |
| Mansfield,                                     | . | . | . | . | . | . | . | 2,130,645 | 1,414,382 | 405,894   | 743   | 2,366,230  |
| Marblehead,                                    | . | . | . | . | . | . | . | 669,838   | 690,338   | 491,545   | 760   | 1,363,611  |
| Boots and shoes,                               | . | . | . | . | . | . | . | 371,330   | 569,157   | 344,391   | 645   | 1,080,477  |
| Bread and other bakery products,               | . | . | . | . | . | . | . | 11,372    | 23,806    | 7,683     | 11    | 39,181     |
| Shipbuilding, wooden, including boat building, | . | . | . | . | . | . | . | 75,833    | 22,371    | 29,499    | 35    | 79,184     |
| Other industries,                              | . | . | . | . | . | . | . | 194,047   | 74,994    | 49,971    | 69    | 184,799    |
| Medway,  | . | . | . | . | . | . | . | 423,754   | 489,638   | 240,052   | 400   | 778,632    |
| Merrimac,                                      | . | . | . | . | . | . | . | 290,867   | 169,086   | 95,083    | 131   | 413,591    |
| Methuen,                                       | . | . | . | . | . | . | . | 5,196,600 | 2,950,518 | 854,876   | 1,940 | 4,461,111  |
| Middleborough,                                 | . | . | . | . | . | . | . | 3,413,023 | 2,546,361 | 940,218   | 1,700 | 5,089,692  |
| Milford,                                       | . | . | . | . | . | . | . | 2,867,060 | 2,898,179 | 991,698   | 1,749 | 4,088,468  |
| Boots and shoes,                               | . | . | . | . | . | . | . | 746,219   | 1,263,218 | 410,051   | 729   | 1,919,537  |
| Bread and other bakery products,               | . | . | . | . | . | . | . | 18,886    | 53,394    | 14,524    | 24    | 96,094     |
| Slaughtering and meat packing,                 | . | . | . | . | . | . | . | 22,760    | 36,261    | 2,992     | 3     | 49,772     |
| Tobacco manufactures,                          | . | . | . | . | . | . | . | 58,253    | 28,946    | 25,100    | 38    | 77,153     |
| Other industries,                              | . | . | . | . | . | . | . | 1,439,943 | 907,270   | 539,031   | 966   | 1,888,977  |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.  
 E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.            |   | Number<br>of Es-<br>tabli-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|----------------------------------|---|-------------------------------------|---------------------|--|---|--|---------------------|
| Millbury,                        | . | 27                                  | \$2,603,366         | \$1,254,517                                | \$429,874                                     | 814                                      | \$2,068,126         |
| Milton,                          | . | 6                                   | 178,465             | 72,492                                     | 37,068  | 58                                       | 176,742             |
| Monson,                          | . | 9                                   | 1,237,770           | 988,942                                    | 282,535                                       | 639                                      | 1,648,478           |
| Montague,                        | . | 21                                  | 2,256,206           | 997,916                                    | 614,803                                       | 1,140                                    | 2,082,702           |
| Natick,                          | . | 38                                  | 2,662,461           | 2,317,528                                  | 744,806                                       | 1,247                                    | 4,566,263           |
| Boots and shoes,                 | . | 9                                   | 1,925,132           | 2,431,064                                  | 518,512                                       | 927                                      | 3,297,327           |
| Other industries,                | . | 29                                  | 721,229             | 886,864                                    | 226,394                                       | 490                                      | 1,208,916           |
| Needham,                         | . | 24                                  | 1,807,418           | 823,045                                    | 414,780                                       | 743                                      | 1,914,063           |
| Hand-knit goods,                 | . | 8                                   | 14,900              | 3,770                                      | 2,600   | 6  | 15,703              |
| Hosiery and knit goods,          | . | 8                                   | 1,571,706           | 677,804                                    | 246,381                                       | 937                                      | 1,511,419           |
| Other industries,                | . | 11                                  | 221,012             | 176,671                                    | 64,329  | 115                                      | 386,843             |
| North Andover,                   | . | 8                                   | 1,731,742           | 1,648,859                                  | 664,068                                       | 1,181                                    | 2,739,633           |
| North Attleborough,              | . | 74                                  | 6,706,598           | 1,914,164                                  | 1,882,859                                     | 2,660                                    | 4,967,786           |
| Bread and other bakery products, | . | 3                                   | 12,052              | 22,611                                     | 9,376   | 13                                       | 41,104              |
| Jewelry,                         | . | 40                                  | 4,012,909           | 1,269,002                                  | 968,638                                       | 1,570                                    | 3,187,066           |
| Other industries,                | . | 31                                  | 1,679,631           | 622,491                                    | 405,245                                       | 667                                      | 1,639,565           |
| North Brookfield,                | . | 9                                   | 1,272,032           | 789,431                                    | 202,077                                       | 463                                      | 1,216,807           |
| North Reading,                   | . | 6                                   | 108,713             | 69,502                                     | 44,087  | 72                                       | 123,536             |
| Northbridge,                     | . | 19                                  | 5,726,923           | 2,006,981                                  | 1,868,009                                     | 3,255                                    | 4,618,912           |
| Northborough,                    | . | 6                                   | 50,940              | 21,122                                     | 30,026  | 56                                       | 80,427              |

|   |   |   |   |   |   |   |   |   |   |            |            |           |       |            |
|---|---|---|---|---|---|---|---|---|---|------------|------------|-----------|-------|------------|
| Norton,                                 | . | . | . | . | . | . | . | . | . | 1,082,680  | 264,545    | 311,331   | 600   | 731,111    |
| Norwood,                                | . | . | . | . | . | . | . | . | . | 7,833,155  | 8,919,223  | 1,870,071 | 2,305 | 10,897,834 |
| Orange,                                 | . | . | . | . | . | . | . | . | . | 2,475,135  | 781,911    | 467,664   | 971   | 1,968,163  |
| Oxford,                                 | . | . | . | . | . | . | . | . | . | 1,149,575  | 979,733    | 388,719   | 716   | 1,463,484  |
| Woolen and worsted goods,               | . | . | . | . | . | . | . | . | . | 546,098    | 579,854    | 194,147   | 452   | 720,874    |
| Other industries,                       | . | . | . | . | . | . | . | . | . | 596,577    | 399,984    | 144,572   | 264   | 831,610    |
| Palmer,                                 | . | . | . | . | . | . | . | . | . | 1,673,533  | 3,080,763  | 1,265,999 | 2,683 | 5,562,109  |
| Peabody,                                | . | . | . | . | . | . | . | . | . | 21,330,960 | 12,445,438 | 8,072,100 | 5,435 | 18,441,908 |
| Carriages and wagons, and materials,    | . | . | . | . | . | . | . | . | . | 44,400     | 13,839     | 21,034    | 24    | 43,720     |
| Leather, tanned, curried, and finished, | . | . | . | . | . | . | . | . | . | 16,563,709 | 10,947,035 | 2,376,139 | 4,165 | 14,720,944 |
| Other industries,                       | . | . | . | . | . | . | . | . | . | 4,672,791  | 2,182,543  | 674,927   | 1,296 | 3,677,232  |
| Pepperell,                              | . | . | . | . | . | . | . | . | . | 1,433,785  | 1,337,320  | 222,941   | 404   | 1,868,376  |
| Plainville,                             | . | . | . | . | . | . | . | . | . | 732,239    | 212,781    | 241,139   | 423   | 645,123    |
| Plymouth,                               | . | . | . | . | . | . | . | . | . | 11,771,353 | 10,123,143 | 1,481,426 | 2,845 | 13,904,545 |
| Randolph,                               | . | . | . | . | . | . | . | . | . | 716,438    | 914,830    | 298,683   | 412   | 1,475,671  |
| Reading,                                | . | . | . | . | . | . | . | . | . | 1,368,878  | 2,244,079  | 246,350   | 409   | 2,824,212  |
| Revere,                                 | . | . | . | . | . | . | . | . | . | 445,424    | 219,667    | 63,633    | 80    | 349,696    |
| Rockland,                               | . | . | . | . | . | . | . | . | . | 2,966,534  | 2,380,719  | 1,129,338 | 1,720 | 6,063,696  |
| Boots and shoes,                        | . | . | . | . | . | . | . | . | . | 2,714,627  | 2,560,169  | 1,004,774 | 1,587 | 4,086,915  |
| Other industries,                       | . | . | . | . | . | . | . | . | . | 551,997    | 720,550    | 124,453   | 203   | 971,741    |
| Rockport,                               | . | . | . | . | . | . | . | . | . | 641,537    | 283,603    | 273,646   | 407   | 816,369    |
| Rowley,                                 | . | . | . | . | . | . | . | . | . | 296,687    | 272,270    | 77,089    | 174   | 433,992    |
| Saugus,                                 | . | . | . | . | . | . | . | . | . | 88,994     | 32,511     | 18,409    | 32    | 70,645     |
| Shelburne,                              | . | . | . | . | . | . | . | . | . | 66,914     | 33,578     | 20,921    | 41    | 99,558     |
| Shirley,                                | . | . | . | . | . | . | . | . | . | 1,349,287  | 634,350    | 239,945   | 514   | 1,193,675  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Concluded.  
E. FOR 117 TOWNS: BY INDUSTRIES — Concluded.

| TOWNS AND INDUSTRIES. |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Value of<br>Stock and<br>Materials<br>Used | Amount of<br>Wages Paid<br>during<br>the Year | Average<br>Number<br>of Wage-<br>Earners | Value of<br>Product |
|-----------------------|---|---------------------------------------|---------------------|--|---|--|---------------------|
| South Hadley,         | . | 13                                    | \$1,704,348         | \$978,714                                  | \$318,449                                     | 530                                      | \$1,665,888         |
| Southbridge,          | . | 35                                    | 7,649,334           | 3,387,933                                  | 2,371,018                                     | 4,333                                    | 7,308,430           |
| Spencer,              | . | 18                                    | 1,054,377           | 1,554,187                                  | 634,013                                       | 1,368                                    | 2,812,838           |
| Stoneham,             | . | 33                                    | 1,131,848           | 1,556,176                                  | 497,603                                       | 1,041                                    | 2,481,775           |
| Stoughton,            | . | 31                                    | 3,141,376           | 1,034,466                                  | 753,325                                       | 1,396                                    | 3,669,168           |
| Swampscott,           | . | 7                                     | 25,776              | 31,948                                     | 8,788   | 13                                       | 54,803              |
| Templeton,            | . | 19                                    | 1,893,584           | 1,184,503                                  | 515,094                                       | 903                                      | 2,180,871           |
| Furniture,            | . | 7                                     | 784,330             | 340,599                                    | 327,433                                       | 431                                      | 677,508             |
| Other Industries,     | . | 13                                    | 1,114,304           | 844,906                                    | 387,673                                       | 473                                      | 1,503,363           |
| Townsend,             | . | 8                                     | 289,571             | 145,263                                    | 133,767                                       | 325                                      | 410,008             |
| Uxbridge,             | . | 16                                    | 2,186,050           | 1,647,896                                  | 537,876                                       | 1,097                                    | 2,430,349           |
| Wakefield,            | . | 23                                    | 4,304,979           | 3,143,314                                  | 1,198,573                                     | 3,008                                    | 6,037,659           |
| Walpole,              | . | 16                                    | 5,975,331           | 4,747,588                                  | 1,044,971                                     | 1,555                                    | 7,633,840           |
| Ware,                 | . | 23                                    | 3,030,497           | 3,337,593                                  | 1,074,993                                     | 3,463                                    | 4,090,333           |
| Wareham,              | . | 18                                    | 3,324,439           | 331,391                                    | 865,314                                       | 639                                      | 1,094,933           |
| Warren,               | . | 9                                     | 1,486,168           | 1,186,477                                  | 535,769                                       | 1,377                                    | 1,695,341           |
| Watertown,            | . | 30                                    | 10,943,555          | 6,698,317                                  | 3,845,386                                     | 4,797                                    | 14,764,336          |
| Wellesley,            | . | 10                                    | 779,474             | 370,971                                    | 136,184                                       | 307                                      | 637,340             |

|  |              |                      |                      |                     |                |                      |
|--|--------------|----------------------|----------------------|---------------------|----------------|----------------------|
| West Springfield, . . . . .                | 29           | 6,154,457            | 2,410,324            | 1,530,574           | 2,209          | 5,039,933            |
| West Stockbridge, . . . . .                | 10           | 333,701              | 84,932               | 73,793              | 132            | 203,154              |
| Westborough, . . . . .                     | 17           | 609,338              | 678,009              | 256,756             | 453            | 1,127,877            |
| Westfield, . . . . .                       | 100          | 8,805,895            | 8,484,065            | 9,187,469           | 8,584          | 8,480,459            |
| Bread and other bakery products, . . . . . | 10           | 35,378               | 63,359               | 20,701              | 29             | 114,819              |
| Printing and publishing, . . . . .         | 7            | 55,628               | 8,842                | 17,198              | 26             | 40,884               |
| Tobacco manufactures, . . . . .            | 17           | 269,171              | 185,351              | 132,841             | 232            | 485,692              |
| Whips, . . . . .                           | 20           | 2,405,438            | 1,072,718            | 471,041             | 952            | 2,664,592            |
| Other industries, . . . . .                | 46           | 5,540,380            | 2,103,285            | 1,486,488           | 2,345          | 5,144,452            |
| Westford, . . . . .                        | 17           | 1,648,234            | 1,985,182            | 473,560             | 885            | 2,624,310            |
| Weymouth, . . . . .                        | 40           | 7,601,946            | 6,068,247            | 1,196,197           | 9,074          | 8,361,041            |
| Boots and shoes, . . . . .                 | 6            | 2,640,571            | 2,688,890            | 887,641             | 1,391          | 4,620,948            |
| Other industries, . . . . .                | 34           | 4,961,375            | 2,399,457            | 308,556             | 683            | 3,630,193            |
| Whitman, . . . . .                         | 24           | 3,876,648            | 3,709,421            | 1,415,242           | 2,044          | 5,978,118            |
| Williamaburg, . . . . .                    | 13           | 443,795              | 441,388              | 158,492             | 308            | 731,152              |
| Winchendon, . . . . .                      | 28           | 2,742,470            | 1,217,533            | 616,540             | 1,311          | 2,602,399            |
| Winchester, . . . . .                      | 19           | 2,537,427            | 3,602,008            | 643,440             | 1,048          | 5,159,479            |
| Winthrop, . . . . .                        | 10           | 110,488              | 38,184               | 11,256              | 16             | 77,994               |
| All other towns, . . . . .                 | 757          | 74,119,355           | 39,788,992           | 14,021,295          | 27,368         | 69,287,839           |
| <b>TOTAL FOR THE TOWNS,</b>                | <b>3,321</b> | <b>\$395,932,008</b> | <b>\$244,928,131</b> | <b>\$91,421,245</b> | <b>167,568</b> | <b>\$423,876,331</b> |

TABLE II. CHARACTER OF OWNERSHIP FOR 20 SELECTED INDUSTRIES — 1914.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                                 | Number of Establishments | Average Number of Wage-earners | Value of Product       | Value Added by Manufacture |
|--|--------------------------|--------------------------------|------------------------|----------------------------|
| <b>All Industries,</b> . . . . .                                       | <b>12,013</b>            | <b>698,698</b>                 | <b>\$1,641,373,047</b> | <b>\$700,900,254</b>       |
| Individual, . . . . .  | 5,902                    | 44,683                         | 117,430,275            | 56,899,973                 |
| Corporation, . . . . .   | 3,985                    | 502,727                        | 1,349,811,377          | 583,547,372                |
| Other, . . . . .   | 2,126                    | 59,288                         | 174,131,395            | 69,541,909                 |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 49.1                     | 7.4                            | 7.2                    | 8.0                        |
| Corporation, . . . . .   | 33.2                     | 82.8                           | 82.2                   | 83.2                       |
| Other, . . . . .   | 17.7                     | 9.8                            | 10.6                   | 9.8                        |
| <b>Automobiles, including bodies and parts,</b> . . . . .              | <b>66</b>                | <b>3,439</b>                   | <b>11,128,799</b>      | <b>5,556,252</b>           |
| Individual, . . . . .  | 19                       | 208                            | 637,088                | 394,457                    |
| Corporation, . . . . .   | 35                       | 3,019                          | 9,942,047              | 4,787,800                  |
| Other, . . . . .   | 12                       | 214                            | 599,655                | 404,101                    |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 28.8                     | 6.0                            | 5.9                    | 7.1                        |
| Corporation, . . . . .   | 53.0                     | 87.8                           | 88.8                   | 86.6                       |
| Other, . . . . .   | 18.2                     | 6.2                            | 5.3                    | 7.3                        |
| <b>Boots and shoes, exclusive of cut stock and findings,</b> . . . . . | <b>484</b>               | <b>76,944</b>                  | <b>209,529,258</b>     | <b>89,294,178</b>          |
| Individual, . . . . .  | 147                      | 6,562                          | 15,762,303             | 7,040,835                  |
| Corporation, . . . . .   | 188                      | 56,682                         | 149,231,773            | 58,998,785                 |
| Other, . . . . .   | 139                      | 13,700                         | 35,535,782             | 14,164,558                 |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 31.7                     | 8.5                            | 7.9                    | 8.8                        |
| Corporation, . . . . .   | 40.5                     | 73.7                           | 74.4                   | 73.5                       |
| Other, . . . . .   | 27.8                     | 17.8                           | 17.7                   | 17.7                       |
| <b>Boot and shoe cut stock and findings,</b> . . . . .                 | <b>439</b>               | <b>8,179</b>                   | <b>54,852,155</b>      | <b>19,741,999</b>          |
| Individual, . . . . .  | 207                      | 2,332                          | 11,528,454             | 2,811,673                  |
| Corporation, . . . . .   | 97                       | 3,590                          | 25,135,238             | 4,781,093                  |
| Other, . . . . .   | 116                      | 2,248                          | 17,904,363             | 3,149,233                  |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 49.3                     | 28.5                           | 21.1                   | 26.2                       |
| Corporation, . . . . .   | 22.1                     | 44.0                           | 46.0                   | 44.5                       |
| Other, . . . . .   | 27.6                     | 27.5                           | 32.9                   | 29.3                       |
| <b>Bread and other bakery products,</b> . . . . .                      | <b>1,419</b>             | <b>8,083</b>                   | <b>23,909,951</b>      | <b>15,637,998</b>          |
| Individual, . . . . .  | 1,179                    | 3,319                          | 13,663,609             | 5,790,649                  |
| Corporation, . . . . .   | 68                       | 3,394                          | 14,158,909             | 7,142,368                  |
| Other, . . . . .   | 172                      | 1,370                          | 5,486,533              | 2,125,986                  |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 83.1                     | 41.1                           | 41.0                   | 38.4                       |
| Corporation, . . . . .   | 4.8                      | 42.0                           | 42.5                   | 47.5                       |
| Other, . . . . .   | 12.1                     | 16.9                           | 16.5                   | 14.1                       |
| <b>Clothing, men's, including shirts,</b> . . . . .                    | <b>227</b>               | <b>7,645</b>                   | <b>19,612,767</b>      | <b>9,126,642</b>           |
| Individual, . . . . .  | 110                      | 1,586                          | 2,865,384              | 1,448,967                  |
| Corporation, . . . . .   | 47                       | 4,229                          | 12,863,199             | 5,882,398                  |
| Other, . . . . .   | 70                       | 1,830                          | 3,885,184              | 1,897,277                  |
| <i>Per cent of total,</i> . . . . .                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 48.5                     | 20.7                           | 14.6                   | 15.8                       |
| Corporation, . . . . .   | 20.7                     | 55.3                           | 65.6                   | 63.6                       |
| Other, . . . . .   | 30.8                     | 24.0                           | 19.8                   | 20.6                       |

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                | Number of Establishments | Average Number of Wage-earners | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|---------------------|----------------------------|
| <b>Clothing, women's,</b>                             | <b>262</b>               | <b>6,076</b>                   | <b>\$12,982,587</b> | <b>\$6,318,362</b>         |
| Individual, . . . . .                                 | 85                       | 1,475                          | 3,391,138           | 1,562,862                  |
| Corporation, . . . . .                                | 51                       | 2,440                          | 5,386,178           | 2,535,248                  |
| Other, . . . . .                                      | 66                       | 2,161                          | 5,205,271           | 2,220,252                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 42.1                     | 24.3                           | 24.3                | 24.7                       |
| Corporation, . . . . .                                | 25.2                     | 40.1                           | 38.5                | 40.1                       |
| Other, . . . . .                                      | 32.7                     | 35.6                           | 37.2                | 35.2                       |
| <b>Confectionery,</b>                                 | <b>145</b>               | <b>6,775</b>                   | <b>20,097,995</b>   | <b>7,532,750</b>           |
| Individual, . . . . .                                 | 74                       | 490                            | 1,625,067           | 682,539                    |
| Corporation, . . . . .                                | 48                       | 6,074                          | 17,862,804          | 6,897,235                  |
| Other, . . . . .                                      | 23                       | 211                            | 610,124             | 252,976                    |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 51.0                     | 7.2                            | 8.1                 | 8.7                        |
| Corporation, . . . . .                                | 33.1                     | 89.7                           | 88.9                | 88.1                       |
| Other, . . . . .                                      | 15.9                     | 3.1                            | 3.0                 | 3.2                        |
| <b>Cotton goods, including cotton small wares,</b>    | <b>189</b>               | <b>113,559</b>                 | <b>197,322,111</b>  | <b>77,487,777</b>          |
| Individual, . . . . .                                 | 7                        | 352                            | 688,173             | 252,454                    |
| Corporation, . . . . .                                | 169                      | 111,304                        | 192,909,028         | 76,117,519                 |
| Other, . . . . .                                      | 13                       | 1,903                          | 3,724,910           | 1,117,804                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 3.7                      | .3                             | .3                  | .3                         |
| Corporation, . . . . .                                | 89.4                     | 98.0                           | 97.8                | 98.2                       |
| Other, . . . . .                                      | 6.9                      | 1.7                            | 1.9                 | 1.5                        |
| <b>Cutlery and tools, not elsewhere specified,</b>    | <b>137</b>               | <b>6,485</b>                   | <b>12,974,022</b>   | <b>9,589,506</b>           |
| Individual, . . . . .                                 | 61                       | 390                            | 651,783             | 451,519                    |
| Corporation, . . . . .                                | 57                       | 5,951                          | 12,091,163          | 8,982,028                  |
| Other, . . . . .                                      | 19                       | 144                            | 231,076             | 146,953                    |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 44.5                     | 6.0                            | 5.0                 | 4.7                        |
| Corporation, . . . . .                                | 41.6                     | 91.8                           | 93.2                | 93.8                       |
| Other, . . . . .                                      | 13.9                     | 2.2                            | 1.8                 | 1.5                        |
| <b>Electrical machinery, apparatus, and supplies,</b> | <b>91</b>                | <b>17,125</b>                  | <b>43,869,294</b>   | <b>26,172,387</b>          |
| Individual, . . . . .                                 | 20                       | 260                            | 799,483             | 315,967                    |
| Corporation, . . . . .                                | 67                       | 16,812                         | 42,937,503          | 25,805,632                 |
| Other, . . . . .                                      | 4                        | 53                             | 136,308             | 52,798                     |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 22.0                     | 1.5                            | 1.8                 | 1.2                        |
| Corporation, . . . . .                                | 73.6                     | 98.2                           | 97.9                | 98.6                       |
| Other, . . . . .                                      | 4.4                      | .3                             | .3                  | .2                         |
| <b>Foundry and machine-shop products,<sup>1</sup></b> | <b>932</b>               | <b>41,361</b>                  | <b>85,638,612</b>   | <b>54,648,989</b>          |
| Individual, . . . . .                                 | 342                      | 3,026                          | 6,088,172           | 3,962,721                  |
| Corporation, . . . . .                                | 437                      | 36,523                         | 75,828,890          | 48,352,200                 |
| Other, . . . . .                                      | 153                      | 1,812                          | 3,721,550           | 2,334,068                  |
| <i>Per cent of total,</i>                             | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .                                 | 36.7                     | 7.3                            | 7.1                 | 7.2                        |
| Corporation, . . . . .                                | 46.9                     | 88.3                           | 88.6                | 88.5                       |
| Other, . . . . .                                      | 16.4                     | 4.4                            | 4.3                 | 4.3                        |

<sup>1</sup> Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and automobile repairing.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                       | Number of Establishments | Average Number of Wage-earners | Value of Product    | Value Added by Manufacture |
|--|--------------------------|--------------------------------|---------------------|----------------------------|
| <b>Furniture and refrigerators,</b>                          | <b>145</b>               | <b>6,954</b>                   | <b>\$14,231,957</b> | <b>\$3,422,213</b>         |
| Individual, . . . . .  | 49                       | 598                            | 1,130,161           | 694,641                    |
| Corporation, . . . . .                                       | 63                       | 5,482                          | 11,347,640          | 6,706,091                  |
| Other, . . . . .   | 33                       | 874                            | 1,803,256           | 923,481                    |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 33.8                     | 8.6                            | 8.0                 | 8.2                        |
| Corporation, . . . . .                                       | 43.4                     | 78.9                           | 79.4                | 80.7                       |
| Other, . . . . .   | 22.8                     | 12.5                           | 12.6                | 11.1                       |
| <b>Hosiery and knit goods,</b>                               | <b>69</b>                | <b>10,631</b>                  | <b>17,357,319</b>   | <b>3,111,362</b>           |
| Individual, . . . . .  | 16                       | 250                            | 569,489             | 277,532                    |
| Corporation, . . . . .                                       | 44                       | 9,601                          | 14,312,311          | 6,897,810                  |
| Other, . . . . .   | 9                        | 780                            | 2,475,519           | 936,020                    |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 23.2                     | 2.4                            | 3.3                 | 3.4                        |
| Corporation, . . . . .                                       | 63.8                     | 90.3                           | 82.5                | 85.0                       |
| Other, . . . . .   | 13.0                     | 7.3                            | 14.2                | 11.6                       |
| <b>Jewelry,</b>  | <b>262</b>               | <b>6,505</b>                   | <b>14,175,857</b>   | <b>7,465,725</b>           |
| Individual, . . . . .  | 67                       | 879                            | 1,699,658           | 991,424                    |
| Corporation, . . . . .                                       | 76                       | 3,684                          | 8,737,846           | 4,167,510                  |
| Other, . . . . .   | 59                       | 1,942                          | 3,738,353           | 2,306,791                  |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 33.2                     | 13.5                           | 12.0                | 13.3                       |
| Corporation, . . . . .                                       | 37.6                     | 56.6                           | 61.7                | 55.8                       |
| Other, . . . . .   | 29.2                     | 29.9                           | 26.3                | 30.9                       |
| <b>Leather, tanned, curried, and finished,</b>               | <b>128</b>               | <b>10,164</b>                  | <b>45,265,434</b>   | <b>12,971,373</b>          |
| Individual, . . . . .  | 39                       | 1,228                          | 2,428,279           | 1,114,968                  |
| Corporation, . . . . .                                       | 61                       | 7,742                          | 38,741,662          | 9,408,220                  |
| Other, . . . . .   | 28                       | 1,194                          | 4,095,493           | 1,553,185                  |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 31.0                     | 12.1                           | 5.4                 | 9.2                        |
| Corporation, . . . . .                                       | 48.4                     | 76.2                           | 85.6                | 77.9                       |
| Other, . . . . .   | 20.6                     | 11.7                           | 9.0                 | 12.9                       |
| <b>Musical instruments, pianos and organs and materials,</b> | <b>52</b>                | <b>3,908</b>                   | <b>3,213,341</b>    | <b>4,511,308</b>           |
| Individual, . . . . .  | 14                       | 190                            | 418,137             | 233,029                    |
| Corporation, . . . . .                                       | 34                       | 3,378                          | 6,872,022           | 3,861,417                  |
| Other, . . . . .   | 4                        | 238                            | 923,182             | 416,762                    |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 27.0                     | 4.9                            | 5.1                 | 5.2                        |
| Corporation, . . . . .                                       | 65.4                     | 86.5                           | 83.7                | 85.6                       |
| Other, . . . . .   | 7.6                      | 8.6                            | 11.2                | 9.2                        |
| <b>Paper and wood pulp,</b>                                  | <b>80</b>                | <b>12,401</b>                  | <b>43,353,548</b>   | <b>16,741,797</b>          |
| Individual, . . . . .  | 4                        | 75                             | 197,561             | 87,376                     |
| Corporation, . . . . .                                       | 71                       | 11,910                         | 37,596,471          | 14,204,232                 |
| Other, . . . . .   | 11                       | 1,416                          | 5,559,516           | 2,450,189                  |
| <i>Per cent of total,</i>                                    | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 4.7                      | .6                             | .5                  | .5                         |
| Corporation, . . . . .                                       | 82.6                     | 88.9                           | 86.7                | 84.9                       |
| Other, . . . . .   | 12.7                     | 10.5                           | 12.8                | 14.6                       |

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                             | Number of Establishments | Average Number of Wage-earners | Value of Product    | Value Added by Manufacture |
|--|--------------------------|--------------------------------|---------------------|----------------------------|
| <b>Printing and Publishing, . . . . .</b>                          | <b>1,344</b>             | <b>12,170</b>                  | <b>\$56,195,811</b> | <b>\$39,578,599</b>        |
| Individual, . . . . .  | 723                      | 3,474                          | 6,990,797           | 5,105,101                  |
| Corporation, . . . . .   | 425                      | 12,417                         | 43,085,864          | 30,332,333                 |
| Other, . . . . .   | 197                      | 2,270                          | 6,119,750           | 3,891,246                  |
| <i>Per cent of total, . . . . .</i>                                | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 53.7                     | 19.1                           | 12.4                | 13.0                       |
| Corporation, . . . . .   | 31.6                     | 68.2                           | 76.7                | 77.1                       |
| Other, . . . . .   | 14.7                     | 12.6                           | 10.9                | 9.9                        |
| <b>Slaughtering and meat packing, including sausage, . . . . .</b> | <b>107</b>               | <b>3,532</b>                   | <b>54,446,637</b>   | <b>6,970,370</b>           |
| Individual, . . . . .  | 65                       | 242                            | 2,292,704           | 505,086                    |
| Corporation, . . . . .   | 26                       | 3,224                          | 50,597,928          | 6,216,449                  |
| Other, . . . . .   | 16                       | 116                            | 1,555,965           | 249,335                    |
| <i>Per cent of total, . . . . .</i>                                | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 60.7                     | 6.8                            | 4.2                 | 7.2                        |
| Corporation, . . . . .   | 24.3                     | 90.0                           | 93.0                | 89.2                       |
| Other, . . . . .   | 15.0                     | 3.2                            | 2.8                 | 3.6                        |
| <b>Woolen, worsted, and felt goods, . . . . .</b>                  | <b>171</b>               | <b>54,255</b>                  | <b>139,348,514</b>  | <b>47,271,091</b>          |
| Individual, . . . . .  | 17                       | 1,506                          | 2,587,326           | 1,286,248                  |
| Corporation, . . . . .   | 129                      | 48,749                         | 117,937,868         | 42,516,042                 |
| Other, . . . . .   | 25                       | 4,000                          | 9,542,320           | 3,468,801                  |
| <i>Per cent of total, . . . . .</i>                                | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .  | 10.0                     | 2.8                            | 2.2                 | 2.7                        |
| Corporation, . . . . .   | 75.4                     | 89.9                           | 90.5                | 90.0                       |
| Other, . . . . .   | 14.6                     | 7.3                            | 7.3                 | 7.3                        |



TABLE III. WAGE-EARNERS.  
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914.

| INDUSTRIES.  | Average Number of Wage-earners. | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
|--|---------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
| <b>THE STATE.</b>                                  | 606,699                         | 616,776 | 622,593  | 633,333 | 622,344 | 619,022 | 611,922 | 594,008 | 522,703 | 559,194   | 590,999 | 537,141  | 580,439  |
| Agricultural implements, . . . . .                 | 325                             | 424     | 403      | 464     | 465     | 421     | 351     | 218     | 175     | 181       | 215     | 240      | 203      |
| Artificial limbs, . . . . .                        | 13                              | 16      | 16       | 16      | 15      | 19      | 20      | 20      | 19      | 20        | 19      | 19       | 17       |
| Artificial stone products, . . . . .               | 324                             | 243     | 235      | 278     | 320     | 341     | 356     | 370     | 380     | 394       | 359     | 334      | 323      |
| Automobiles, including bodies and parts, . . . . . | 3,439                           | 3,730   | 3,791    | 3,903   | 4,167   | 4,168   | 3,752   | 3,187   | 3,047   | 3,056     | 3,049   | 2,893    | 2,473    |
| Automobile repairing, . . . . .                    | 343                             | 327     | 331      | 334     | 353     | 362     | 393     | 371     | 361     | 352       | 349     | 337      | 337      |
| Awings, tents, and sails, . . . . .                | 366                             | 245     | 268      | 337     | 443     | 523     | 569     | 480     | 380     | 336       | 399     | 263      | 254      |
| Baskets, and rattan and willow ware, . . . . .     | 123                             | 122     | 121      | 122     | 120     | 119     | 123     | 125     | 123     | 119       | 123     | 131      | 136      |
| Belting, leather, . . . . .                        | 1,113                           | 1,096   | 1,095    | 1,093   | 1,089   | 1,090   | 1,089   | 1,087   | 1,086   | 1,102     | 1,133   | 1,133    | 1,212    |
| Belting and hose, woven, . . . . .                 | 183                             | 168     | 178      | 162     | 186     | 189     | 190     | 192     | 183     | 183       | 180     | 189      | 191      |
| Billiard tables and materials, . . . . .           | 43                              | 47      | 41       | 36      | 41      | 39      | 41      | 42      | 41      | 46        | 46      | 51       | 45       |
| Blacking, stains, and dressings, . . . . .         | 506                             | 500     | 547      | 568     | 589     | 596     | 543     | 513     | 507     | 444       | 424     | 435      | 416      |
| Bookbinding and blank-book making, . . . . .       | 3,317                           | 3,255   | 3,343    | 3,341   | 3,342   | 3,360   | 3,323   | 3,404   | 3,323   | 3,336     | 3,320   | 3,233    | 3,303    |
| Boot and shoe cut stock and findings, . . . . .    | 8,170                           | 9,143   | 9,034    | 9,003   | 8,490   | 8,113   | 7,645   | 7,587   | 7,701   | 7,763     | 7,790   | 7,911    | 8,017    |
| Boots and shoes, . . . . .                         | 76,944                          | 82,814  | 82,683   | 80,575  | 77,315  | 74,971  | 76,076  | 76,430  | 76,971  | 74,043    | 73,023  | 73,940   | 75,473   |
| Boots and shoes, rubber, . . . . .                 | 8,087                           | 7,706   | 7,760    | 7,963   | 8,110   | 8,209   | 8,289   | 7,877   | 8,026   | 7,845     | 8,117   | 8,393    | 8,554    |
| Bosses, elgar, . . . . .                           | 188                             | 193     | 189      | 187     | 190     | 191     | 193     | 190     | 183     | 186       | 186     | 185      | 185      |
| Bosses, fancy and paper, . . . . .                 | 4,244                           | 4,363   | 4,370    | 4,414   | 4,323   | 4,359   | 4,367   | 4,174   | 4,114   | 4,175     | 4,319   | 4,097    | 4,034    |

|  |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Bones, wooden packing, . . . . .   | 2,996 | 3,111 | 3,120 | 3,079 | 3,081 | 2,983 | 2,890 | 2,918 | 2,910 | 2,951 | 2,898 | 2,892 |
| Brass, bronze, and copper products, . . . . .  | 1,620 | 1,691 | 1,646 | 1,664 | 1,601 | 1,592 | 1,603 | 1,593 | 1,666 | 1,647 | 1,637 | 1,606 |
| Bread and other bakery products, . . . . .   | 8,083 | 8,039 | 8,113 | 8,061 | 8,067 | 8,144 | 8,249 | 8,123 | 8,049 | 8,185 | 8,090 | 7,983 |
| Brick and tile, . . . . .  | 1,124 | 665   | 675   | 987   | 1,566 | 1,674 | 1,670 | 1,666 | 1,636 | 1,131 | 725   | 551   |
| Brooms, . . . . .  | 131   | 120   | 127   | 134   | 123   | 120   | 121   | 117   | 118   | 120   | 122   | 117   |
| Brushes, . . . . .   | 1,437 | 1,519 | 1,496 | 1,478 | 1,436 | 1,396 | 1,412 | 1,373 | 1,408 | 1,406 | 1,403 | 1,360 |
| Butter, . . . . .  | 33    | 33    | 33    | 33    | 34    | 34    | 32    | 32    | 33    | 33    | 33    | 34    |
| Buttons, . . . . .   | 485   | 613   | 597   | 534   | 483   | 483   | 445   | 391   | 397   | 420   | 428   | 412   |
| Canning and preserving, . . . . .  | 1,903 | 1,930 | 1,777 | 1,735 | 1,638 | 1,919 | 1,923 | 1,909 | 2,023 | 2,150 | 2,123 | 1,915 |
| Card cutting and designing, . . . . .  | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |
| Carpets and rugs, other than rag, . . . . .  | 5,319 | 5,604 | 5,696 | 5,656 | 5,560 | 5,447 | 5,530 | 5,392 | 4,975 | 5,120 | 4,556 | 4,536 |
| Carpets, rag, . . . . .  | 106   | 94    | 94    | 105   | 114   | 116   | 118   | 116   | 115   | 109   | 98    | 100   |
| Carriages and sleds, children's, . . . . .   | 1,175 | 1,231 | 1,177 | 1,126 | 1,086 | 1,021 | 1,079 | 1,094 | 1,246 | 1,291 | 1,266 | 1,246 |
| Carriages and wagons and materials, . . . . .  | 1,245 | 1,219 | 1,207 | 1,409 | 1,430 | 1,379 | 1,271 | 1,185 | 1,180 | 1,160 | 1,127 | 1,116 |
| Carriages and wagons (repair work exclusively), . . . . .                                | 103   | 102   | 110   | 118   | 113   | 115   | 98    | 93    | 97    | 94    | 99    | 94    |
| Cars and general shop construction and repairs by steam-railroad companies, . . . . .    | 6,264 | 6,380 | 6,477 | 6,851 | 6,909 | 6,851 | 5,996 | 6,033 | 5,892 | 5,945 | 5,797 | 5,841 |
| Cars and general shop construction and repairs by electric-railroad companies, . . . . . | 1,705 | 1,640 | 1,674 | 1,628 | 1,656 | 1,750 | 1,780 | 1,741 | 1,744 | 1,757 | 1,771 | 1,716 |
| Chemicals, . . . . .   | 1,395 | 1,339 | 1,464 | 1,415 | 1,454 | 1,427 | 1,375 | 1,312 | 1,390 | 1,333 | 1,423 | 1,326 |
| Cleaning and polishing preparations, . . . . .   | 66    | 64    | 62    | 63    | 65    | 65    | 65    | 69    | 69    | 69    | 66    | 65    |
| Cloth sponging and refinishing, . . . . .  | 56    | 53    | 56    | 62    | 55    | 60    | 60    | 53    | 57    | 55    | 50    | 53    |
| Clothing, men's, . . . . .   | 5,760 | 5,902 | 5,900 | 5,936 | 5,917 | 5,886 | 5,593 | 5,635 | 5,571 | 5,697 | 5,546 | 5,551 |
| Clothing, men's, buttonholes, . . . . .  | 4     | 5     | 5     | 3     | 3     | 3     | 3     | 3     | 3     | 5     | 5     | 5     |
| Clothing, women's, . . . . .   | 6,076 | 5,719 | 6,559 | 6,747 | 6,501 | 6,183 | 5,327 | 4,965 | 6,218 | 6,619 | 6,133 | 5,747 |

TABLE III. WAGE-EARNERS — Continued.  
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

| INDUSTRIES.  | Average<br>Number<br>of Wage-<br>earners | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December |
|--|--|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|
| <i>The State — Continued.</i>                            |  |         |          |         |         |         |         |         |         |           |         |          |          |
| Coffee and spice, roasting and grinding, . . . . .       | 486                                      | 459     | 464      | 470     | 462     | 469     | 464     | 471     | 478     | 477       | 474     | 458      | 456      |
| Coffins, burial cases, and undertakers' goods, . . . . . | 286                                      | 291     | 295      | 294     | 285     | 288     | 290     | 279     | 279     | 284       | 284     | 281      | 284      |
| Combs and hairpins, . . . . .                            | 1,944                                    | 1,965   | 2,077    | 2,149   | 1,993   | 1,767   | 1,835   | 1,668   | 1,906   | 2,199     | 2,309   | 1,988    | 1,893    |
| Confectionery and ice cream, . . . . .                   | 7,962                                    | 7,046   | 6,871    | 7,283   | 6,970   | 6,660   | 6,849   | 6,883   | 7,443   | 7,843     | 8,078   | 7,331    | 7,687    |
| Confectionery, . . . . .                                 | 6,776                                    | 6,711   | 5,918    | 6,935   | 6,492   | 6,377   | 6,190   | 6,190   | 6,767   | 7,263     | 7,033   | 7,510    | 7,394    |
| Chewing gum, . . . . .                                   | 12                                       | 7       | 25       | 21      | 33      | 16      | 6       | 3       | 7       | 6         | 6       | 6        | 9        |
| Ice cream, . . . . .                                     | 476                                      | 328     | 328      | 332     | 445     | 537     | 633     | 690     | 669     | 589       | 439     | 366      | 364      |
| Cooperage, . . . . .                                     | 526                                      | 503     | 511      | 517     | 531     | 530     | 534     | 528     | 531     | 536       | 555     | 537      | 507      |
| Copper, tin, and sheet-iron products, . . . . .          | 2,683                                    | 2,626   | 2,542    | 2,569   | 2,619   | 2,633   | 2,741   | 2,808   | 2,781   | 2,719     | 2,794   | 2,709    | 2,665    |
| Cordage and twine, and jute goods, . . . . .             | 6,073                                    | 6,091   | 6,087    | 6,125   | 6,196   | 6,263   | 6,369   | 6,329   | 6,310   | 5,853     | 5,922   | 5,999    | 5,793    |
| Cordials and flavoring sirups, . . . . .                 | 51                                       | 50      | 53       | 58      | 71      | 68      | 67      | 59      | 46      | 40        | 38      | 32       | 30       |
| Corsets, . . . . .                                       | 2,998                                    | 2,561   | 2,601    | 2,631   | 2,572   | 2,456   | 2,845   | 2,224   | 2,146   | 2,144     | 2,064   | 1,976    | 1,818    |
| Cotton goods, . . . . .                                  | 112,009                                  | 117,496 | 116,836  | 116,422 | 116,201 | 114,518 | 113,077 | 110,543 | 108,096 | 108,556   | 109,456 | 110,247  | 109,760  |
| Cotton small wares, . . . . .                            | 950                                      | 959     | 1,008    | 1,015   | 991     | 985     | 964     | 985     | 912     | 913       | 902     | 892      | 874      |
| Cutlery and tools, not elsewhere specified, . . . . .    | 6,495                                    | 6,910   | 6,864    | 6,880   | 6,682   | 6,587   | 6,446   | 6,357   | 6,390   | 6,262     | 6,243   | 6,221    | 6,248    |
| Dental goods, . . . . .                                  | 55                                       | 56      | 55       | 55      | 55      | 55      | 55      | 55      | 53      | 54        | 57      | 56       | 55       |
| Dyeing and finishing textiles, . . . . .                 | 11,437                                   | 11,339  | 12,200   | 12,258  | 12,162  | 12,026  | 12,034  | 11,420  | 10,862  | 11,062    | 11,077  | 10,079   | 10,636   |
| Dyestuffs and extracts, . . . . .                        | 148                                      | 146     | 157      | 151     | 147     | 146     | 144     | 155     | 160     | 148       | 152     | 139      | 131      |
| Electrical machinery, apparatus, and supplies, . . . . . | 17,125                                   | 18,644  | 18,203   | 18,490  | 18,110  | 17,865  | 17,687  | 17,060  | 16,845  | 16,602    | 15,799  | 15,239   | 15,126   |

|  |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Electroplating, . . . . .  | 233    | 245    | 244    | 256    | 225    | 232    | 225    | 235    | 230    | 226    | 225    | 227    | 226    |
| Emery and other abrasive wheels, . . . . .                             | 903    | 977    | 965    | 949    | 957    | 965    | 935    | 909    | 873    | 864    | 810    | 803    | 816    |
| Enameling and japanning, . . . . .                                     | 95     | 94     | 89     | 92     | 81     | 101    | 104    | 102    | 85     | 101    | 98     | 98     | 95     |
| Engraving and dieinking, . . . . .                                     | 152    | 167    | 160    | 154    | 154    | 161    | 150    | 149    | 139    | 139    | 149    | 160    | 152    |
| Engraving, steel and copper plate, including plate printing, . . . . . | 421    | 433    | 411    | 413    | 420    | 419    | 429    | 419    | 406    | 414    | 423    | 421    | 439    |
| Envelopes, . . . . .   | 1,781  | 1,797  | 1,828  | 1,856  | 1,838  | 1,832  | 1,840  | 1,743  | 1,649  | 1,760  | 1,785  | 1,724  | 1,680  |
| Fancy articles, not elsewhere specified, . . . . .                     | 786    | 738    | 670    | 599    | 607    | 600    | 728    | 854    | 835    | 934    | 982    | 942    | 883    |
| Felt goods, . . . . .  | 878    | 955    | 933    | 930    | 910    | 848    | 846    | 797    | 861    | 846    | 854    | 846    | 890    |
| Firearms, . . . . .  | 2,161  | 2,371  | 2,243  | 2,341  | 2,321  | 2,229  | 2,079  | 2,009  | 2,149  | 2,052  | 1,986  | 2,019  | 2,033  |
| Flavoring extracts, . . . . .  | 124    | 114    | 112    | 118    | 180    | 188    | 146    | 142    | 151    | 120    | 112    | 113    | 112    |
| Flour-mill and grist-mill products, . . . . .                          | 176    | 176    | 175    | 180    | 178    | 173    | 172    | 176    | 171    | 174    | 178    | 181    | 178    |
| Food preparations, . . . . .   | 469    | 600    | 619    | 494    | 490    | 417    | 394    | 392    | 407    | 427    | 444    | 396    | 548    |
| Foundry and machine-shop products, . . . . .                           | 34,398 | 36,713 | 36,456 | 36,542 | 36,398 | 36,164 | 35,228 | 34,435 | 33,134 | 32,170 | 32,054 | 31,565 | 31,917 |
| Fur goods, . . . . .   | 208    | 221    | 153    | 135    | 148    | 164    | 188    | 187    | 199    | 248    | 271    | 299    | 278    |
| Furnishing goods, men's, . . . . .                                     | 388    | 372    | 384    | 378    | 371    | 361    | 352    | 367    | 380    | 390    | 444    | 488    | 447    |
| Furniture, . . . . .   | 6,813  | 7,555  | 7,545  | 7,599  | 7,332  | 6,375  | 5,951  | 5,916  | 6,434  | 6,723  | 6,371  | 6,815  | 6,590  |
| Galvanizing, . . . . .   | 12     | 12     | 13     | 14     | 14     | 13     | 10     | 12     | 12     | 11     | 12     | 11     | 10     |
| Gas and electric fixtures, . . . . .                                   | 143    | 151    | 149    | 142    | 138    | 133    | 124    | 124    | 136    | 143    | 152    | 161    | 163    |
| Gas, illuminating and heating, . . . . .                               | 3,123  | 2,989  | 2,934  | 2,930  | 2,966  | 3,323  | 3,509  | 3,462  | 3,359  | 3,264  | 3,211  | 3,200  | 3,067  |
| Glass cutting, staining, and ornamenting, . . . . .                    | 198    | 191    | 197    | 208    | 208    | 190    | 192    | 165    | 177    | 197    | 210    | 224    | 230    |
| Glue, . . . . .  | 563    | 603    | 601    | 619    | 643    | 605    | 527    | 463    | 450    | 512    | 578    | 590    | 565    |
| Gold and silver, leaf and foil, . . . . .                              | 120    | 124    | 129    | 123    | 119    | 120    | 117    | 118    | 112    | 117    | 123    | 123    | 115    |
| Gold and silver, reducing and refining, not from the ore, . . . . .    | 21     | 22     | 21     | 23     | 23     | 22     | 22     | 22     | 20     | 21     | 18     | 19     | 20     |

TABLE III. WAGE-EARNERS — Continued.  
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

| Industries.  | Average<br>Number<br>of Wage-<br>earners | January | Febru-<br>ary | March  | April  | May    | June   | July   | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|--|---------|---------------|--------|--------|--------|--------|--------|--------|----------------|---------|---------------|---------------|
| <b>The State — Continued.</b>  |  |         |               |        |        |        |        |        |        |                |         |               |               |
| Grease and tallow, . . . . .   | 622                                      | 609     | 609           | 639    | 641    | 637    | 635    | 635    | 621    | 620            | 615     | 606           | 597           |
| Hand-knit goods, . . . . .   | 4  | 4       | 4             | 4      | 3      | 3      | 4      | 4      | 4      | 4              | 4       | 5             | 6             |
| Hand stamps and stencils and brands, . .   | 108                                      | 123     | 113           | 112    | 113    | 111    | 111    | 107    | 105    | 101            | 101     | 100           | 99            |
| Hardware, . . . . .  | 1,151                                    | 1,206   | 1,209         | 1,200  | 1,152  | 1,056  | 1,053  | 1,062  | 1,109  | 1,089          | 1,174   | 1,228         | 1,254         |
| Hats and caps, other than felt, straw, and<br>wool, . . . . .  | 288                                      | 285     | 289           | 287    | 296    | 302    | 308    | 296    | 288    | 298            | 280     | 256           | 271           |
| Hats, fur-felt, . . . . .  | 629                                      | 231     | 230           | 236    | 216    | 195    | 213    | 1,005  | 1,068  | 1,063          | 1,059   | 1,012         | 1,020         |
| Hats, straw, . . . . .   | 2,383                                    | 3,296   | 3,510         | 3,528  | 3,227  | 2,228  | 1,457  | 1,259  | 1,901  | 2,024          | 1,950   | 1,968         | 2,347         |
| Hosiery and knit goods, . . . . .  | 10,631                                   | 11,052  | 11,145        | 11,016 | 10,942 | 10,920 | 10,834 | 10,557 | 10,296 | 9,897          | 10,388  | 10,331        | 10,144        |
| House-furnishing goods, not elsewhere speci-<br>fied, . . . . .  | 444                                      | 436     | 408           | 409    | 426    | 429    | 491    | 468    | 443    | 452            | 473     | 459           | 434           |
| Ice, manufactured, . . . . .   | 57                                       | 48      | 49            | 56     | 58     | 60     | 62     | 59     | 65     | 60             | 58      | 56            | 53            |
| Instruments, professional and scientific, .  | 599                                      | 605     | 573           | 612    | 614    | 649    | 622    | 625    | 480    | 632            | 628     | 621           | 527           |
| Iron and steel, steel works and rolling mills,<br>Iron and steel, bolts, nuts, washers, and rivets,<br>not made in steel works or rolling mills, . | 2,889                                    | 3,184   | 3,169         | 3,185  | 3,089  | 2,984  | 2,870  | 2,862  | 2,806  | 2,891          | 2,886   | 2,368         | 2,374         |
| Iron and steel forgings, . . . . .   | 1,292                                    | 1,360   | 1,333         | 1,332  | 1,334  | 1,341  | 1,295  | 1,258  | 1,259  | 1,250          | 1,246   | 1,238         | 1,251         |
| Iron and steel, nails and spikes, cut and<br>wrought, including wire nails, not made in<br>steel works or rolling mills, . . . . .                 | 683                                      | 699     | 674           | 684    | 680    | 626    | 607    | 767    | 784    | 675            | 690     | 695           | 675           |
|  | 1,233                                    | 1,326   | 1,223         | 1,256  | 1,248  | 1,209  | 1,203  | 1,184  | 1,196  | 1,225          | 1,217   | 1,238         | 1,241         |

|  |        |        |        |        |        |        |        |       |       |       |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|
| Jewelry, . . . . .   | 6,505  | 7,006  | 7,242  | 6,823  | 6,583  | 6,545  | 6,293  | 5,970 | 6,366 | 6,526 | 6,156  | 5,976  |
| Jewelry and instrument cases, . . . . .                      | 389    | 350    | 868    | 391    | 398    | 406    | 394    | 369   | 434   | 459   | 400    | 390    |
| Labels and tags, . . . . .                                   | 38     | 37     | 39     | 39     | 38     | 38     | 38     | 38    | 38    | 38    | 38     | 38     |
| Lamps and reflectors, . . . . .                              | 316    | 407    | 398    | 391    | 395    | 347    | 313    | 286   | 273   | 236   | 237    | 261    |
| Lasts, . . . . .   | 890    | 987    | 1,008  | 905    | 895    | 887    | 874    | 944   | 795   | 834   | 845    | 881    |
| Leather goods, not elsewhere specified, . . . . .            | 416    | 327    | 361    | 401    | 413    | 407    | 412    | 401   | 407   | 434   | 529    | 507    |
| Leather, tanned, curried, and finished, . . . . .            | 10,164 | 10,898 | 10,981 | 10,824 | 10,654 | 10,269 | 10,028 | 9,512 | 9,611 | 9,798 | 10,157 | 10,089 |
| Lime, . . . . .  | 474    | 429    | 408    | 400    | 510    | 513    | 513    | 504   | 520   | 503   | 426    | 446    |
| Linen goods, . . . . .                                       | 1,541  | 1,530  | 1,524  | 1,544  | 1,564  | 1,566  | 1,532  | 1,499 | 1,543 | 1,580 | 1,532  | 1,569  |
| Liquors, distilled, . . . . .                                | 93     | 95     | 104    | 95     | 99     | 93     | 89     | 87    | 91    | 88    | 91     | 94     |
| Liquors, malt, . . . . .                                     | 2,106  | 1,992  | 1,996  | 1,999  | 2,064  | 2,130  | 2,248  | 2,227 | 2,163 | 2,141 | 2,067  | 2,040  |
| Lithographing, . . . . .                                     | 1,218  | 1,217  | 1,203  | 1,216  | 1,207  | 1,229  | 1,236  | 1,234 | 1,229 | 1,222 | 1,211  | 1,201  |
| Looking-glass and picture frames, . . . . .                  | 148    | 153    | 150    | 148    | 148    | 144    | 144    | 135   | 147   | 157   | 158    | 167    |
| Lumber and timber products, . . . . .                        | 1,625  | 2,012  | 1,949  | 1,990  | 1,991  | 1,780  | 1,385  | 1,065 | 1,315 | 1,511 | 1,448  | 1,797  |
| Lumber, planing-mill products, . . . . .                     | 3,423  | 3,277  | 3,218  | 3,297  | 3,379  | 3,444  | 3,479  | 3,572 | 3,562 | 3,506 | 3,426  | 3,302  |
| Marble and stone work, . . . . .                             | 2,520  | 2,159  | 1,870  | 2,389  | 2,518  | 2,780  | 2,813  | 2,743 | 2,649 | 2,536 | 2,464  | 2,413  |
| Mattresses and spring beds, . . . . .                        | 740    | 698    | 723    | 749    | 769    | 771    | 803    | 767   | 746   | 750   | 693    | 678    |
| Millinery and lace goods, . . . . .                          | 2,026  | 2,026  | 2,405  | 2,547  | 2,584  | 1,842  | 1,669  | 1,765 | 2,067 | 1,920 | 1,816  | 1,785  |
| Mineral and soda waters, . . . . .                           | 508    | 353    | 384    | 422    | 515    | 635    | 724    | 713   | 555   | 434   | 375    | 363    |
| Minerals and earths, ground, . . . . .                       | 105    | 109    | 105    | 109    | 106    | 116    | 112    | 100   | 108   | 102   | 100    | 99     |
| Mirrors, . . . . .   | 132    | 144    | 139    | 142    | 134    | 134    | 125    | 126   | 128   | 128   | 128    | 127    |
| Models and patterns, not including paper patterns, . . . . . | 318    | 323    | 313    | 316    | 310    | 318    | 305    | 316   | 318   | 315   | 323    | 326    |
| Monuments and tombstones, . . . . .                          | 1,338  | 1,094  | 1,117  | 1,297  | 1,413  | 1,502  | 1,467  | 1,458 | 1,431 | 1,385 | 1,288  | 1,161  |
| Motorcycles, bicycles, and parts, . . . . .                  | 2,185  | 3,511  | 3,464  | 3,105  | 2,279  | 2,268  | 1,701  | 1,491 | 1,315 | 1,072 | 1,704  | 2,302  |
| Mucilage and paste, . . . . .                                | 103    | 105    | 107    | 109    | 108    | 105    | 102    | 109   | 102   | 99    | 97     | 93     |

TABLE III. WAGE-EARNERS — Continued.  
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

| Industries.  | Average<br>Number<br>of Wage-<br>earners | January | Febru-<br>ary | March  | April  | May    | June   | July   | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|--|---------|---------------|--------|--------|--------|--------|--------|--------|----------------|---------|---------------|---------------|
| <b>The State — Continued.</b>  |  |         |               |        |        |        |        |        |        |                |         |               |               |
| Musical instruments and materials, not speci-<br>fied, . . . . .           | 282                                      | 260     | 273           | 274    | 291    | 283    | 273    | 270    | 283    | 270            | 282     | 296           | 302           |
| Musical instruments, pianos and organs, and<br>materials, . . . . .        | 3,006                                    | 4,209   | 4,270         | 4,309  | 4,227  | 4,108  | 3,939  | 3,761  | 3,515  | 3,550          | 3,627   | 3,623         | 3,644         |
| Oil, not elsewhere specified, . . . . .                                    | 303                                      | 324     | 318           | 313    | 304    | 297    | 304    | 284    | 294    | 303            | 297     | 299           | 299           |
| Optical goods, . . . . .   | 2,356                                    | 2,381   | 2,349         | 2,440  | 2,438  | 2,443  | 2,505  | 2,385  | 2,238  | 2,188          | 2,231   | 2,308         | 2,366         |
| Paints and varnishes, . . . . .  | 490                                      | 486     | 500           | 490    | 504    | 516    | 493    | 508    | 475    | 488            | 483     | 469           | 468           |
| Paper and wood pulp, . . . . .   | 13,401                                   | 13,540  | 13,512        | 13,644 | 13,503 | 13,658 | 13,351 | 13,169 | 13,055 | 13,490         | 13,479  | 13,176        | 13,235        |
| Paper goods, not elsewhere specified, . . .                                | 4,048                                    | 4,265   | 4,268         | 4,160  | 4,253  | 4,214  | 4,105  | 4,008  | 3,886  | 3,871          | 3,919   | 3,858         | 3,799         |
| Patent medicines and compounds and drug-<br>gists' preparations, . . . . . | 1,381                                    | 1,511   | 1,488         | 1,484  | 1,438  | 1,418  | 1,369  | 1,234  | 1,288  | 1,389          | 1,373   | 1,392         | 1,288         |
| Paving materials, . . . . .  | 342                                      | 129     | 86            | 153    | 350    | 462    | 494    | 510    | 461    | 434            | 406     | 343           | 241           |
| Photo-engraving, . . . . .   | 542                                      | 556     | 551           | 550    | 551    | 560    | 551    | 540    | 533    | 525            | 526     | 523           | 533           |
| Pipes, tobacco, . . . . .  | 41                                       | 42      | 45            | 44     | 46     | 44     | 44     | 43     | 43     | 42             | 39      | 33            | 27            |
| Plumbers' supplies, . . . . .  | 637                                      | 680     | 622           | 636    | 665    | 673    | 673    | 673    | 596    | 580            | 591     | 581           | 604           |
| Pocketbooks, . . . . .   | 377                                      | 484     | 340           | 438    | 423    | 381    | 349    | 349    | 341    | 360            | 362     | 364           | 383           |
| Pottery, . . . . .   | 133                                      | 136     | 137           | 135    | 133    | 140    | 133    | 139    | 133    | 140            | 138     | 139           | 133           |
| Printing and publishing, book and job, . .                                 | 7,092                                    | 7,106   | 7,281         | 7,354  | 7,360  | 7,144  | 7,059  | 6,795  | 6,745  | 6,945          | 7,040   | 6,905         | 6,961         |
| Printing and publishing, music, . . . . .                                  | 120                                      | 128     | 125           | 126    | 124    | 122    | 115    | 115    | 112    | 116            | 114     | 122           | 121           |
| Printing and publishing, newspapers and<br>periodicals, . . . . .          | 6,082                                    | 6,081   | 6,090         | 6,085  | 6,090  | 6,051  | 6,027  | 5,877  | 5,892  | 5,884          | 6,150   | 6,075         | 6,041         |

|  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Refrigerators, . . . . .   | 141   | 160   | 153   | 156   | 159   | 149   | 143   | 116   | 108   | 122   | 127   | 143   | 157   |
| Regalia and society badges and emblems, . . . . .                                | 78    | 78    | 76    | 77    | 80    | 77    | 78    | 72    | 71    | 80    | 83    | 82    | 82    |
| Rubber goods, not elsewhere specified, . . . . .                                 | 4,743 | 5,057 | 5,181 | 5,282 | 5,189 | 5,104 | 5,170 | 4,462 | 4,139 | 4,339 | 4,372 | 4,302 | 4,299 |
| Saddlery and harness, . . . . .  | 260   | 241   | 248   | 259   | 255   | 248   | 244   | 249   | 244   | 244   | 245   | 298   | 245   |
| Sausage, not made in slaughtering and meat-<br>packing establishments, . . . . . | 340   | 352   | 355   | 349   | 342   | 343   | 344   | 344   | 345   | 349   | 365   | 354   | 356   |
| Scales and balances, . . . . .   | 23    | 29    | 28    | 26    | 24    | 24    | 22    | 22    | 24    | 21    | 18    | 19    | 19    |
| Screws, machine, . . . . .   | 355   | 362   | 344   | 353   | 360   | 357   | 363   | 347   | 333   | 331   | 347   | 368   | 376   |
| Shipbuilding, wooden, including boat build-<br>ing, . . . . .                    | 435   | 314   | 353   | 428   | 460   | 570   | 569   | 498   | 480   | 417   | 371   | 402   | 358   |
| Shirts, . . . . .  | 1,885 | 1,948 | 1,933 | 1,920 | 1,846 | 1,786 | 1,764 | 1,824 | 1,680 | 1,906 | 1,979 | 2,021 | 2,023 |
| Shoddy, wool, . . . . .  | 446   | 438   | 474   | 480   | 489   | 475   | 444   | 425   | 387   | 387   | 381   | 441   | 531   |
| Show cases, . . . . .  | 79    | 79    | 78    | 78    | 80    | 94    | 87    | 74    | 78    | 77    | 78    | 74    | 71    |
| Signs and advertising novelties, . . . . .                                       | 386   | 390   | 372   | 376   | 375   | 373   | 372   | 366   | 378   | 411   | 415   | 399   | 405   |
| Silk and silk goods, including throwsters, . . . . .                             | 4,495 | 4,709 | 4,707 | 4,674 | 4,704 | 4,628 | 4,541 | 4,392 | 4,206 | 4,490 | 4,861 | 4,311 | 4,317 |
| Silverware and plated ware, . . . . .  | 2,163 | 2,160 | 2,188 | 2,168 | 2,140 | 2,112 | 2,100 | 2,049 | 2,109 | 2,183 | 2,239 | 2,254 | 2,254 |
| Slaughtering and meat packing, . . . . .   | 3,233 | 3,659 | 3,362 | 3,318 | 3,185 | 2,996 | 3,124 | 3,164 | 3,023 | 3,070 | 3,179 | 3,294 | 3,423 |
| Soap, . . . . .  | 460   | 479   | 495   | 478   | 467   | 479   | 439   | 439   | 422   | 435   | 459   | 449   | 479   |
| Sporting and athletic goods, . . . . .   | 1,275 | 1,278 | 1,277 | 1,332 | 1,247 | 1,325 | 1,327 | 1,258 | 1,108 | 1,219 | 1,209 | 1,267 | 1,333 |
| Springs, steel, car, and carriage, . . . . .                                     | 45    | 42    | 43    | 46    | 50    | 53    | 53    | 48    | 45    | 46    | 40    | 37    | 37    |
| Stationery goods, not elsewhere specified, . . . . .                             | 2,467 | 2,430 | 2,540 | 2,621 | 2,591 | 2,542 | 2,462 | 2,240 | 2,416 | 2,434 | 2,465 | 2,426 | 2,437 |
| Statuary and art goods, . . . . .  | 132   | 133   | 131   | 133   | 135   | 137   | 141   | 130   | 136   | 133   | 117   | 130   | 128   |
| Steam fittings and steam and hot-water heat-<br>ing apparatus, . . . . .         | 3,175 | 3,139 | 3,233 | 3,286 | 3,239 | 3,218 | 3,208 | 3,193 | 3,208 | 3,143 | 3,141 | 3,098 | 2,994 |
| Steam packing, . . . . .   | 71    | 82    | 77    | 73    | 72    | 74    | 79    | 76    | 68    | 71    | 69    | 60    | 61    |
| Stereotyping and electrotyping, . . . . .  | 260   | 259   | 263   | 257   | 264   | 256   | 267   | 254   | 250   | 241   | 239   | 230   | 230   |



TABLE III. WAGE-EARNERS — Concluded.  
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH BY INDUSTRIES — 1914 — Concluded.

| Industries.   | Average<br>Number<br>of Wage-<br>earners. | January. | February. | March. | April. | May.  | June. | July. | August. | September. | October. | November. | December. |
|---|---|----------|-----------|--------|--------|-------|-------|-------|---------|------------|----------|-----------|-----------|
| <b>The State — Concluded.</b>   |   |          |           |        |        |       |       |       |         |            |          |           |           |
| Stoves and hot-air furnaces, not including gas and oil stoves, . . . . .  | 1,446                                     | 1,270    | 1,334     | 1,376  | 1,365  | 1,346 | 1,304 | 1,410 | 1,479   | 1,476      | 1,450    | 1,479     | 1,497     |
| Structural iron work, not made in steel works or rolling mills, . . . . . | 1,603                                     | 1,638    | 1,618     | 1,604  | 1,634  | 1,673 | 1,694 | 1,678 | 1,706   | 1,686      | 1,690    | 1,677     | 1,688     |
| Surgical appliances, . . . . .  | 349                                       | 346      | 340       | 336    | 339    | 360   | 344   | 313   | 328     | 339        | 363      | 368       | 368       |
| Suspenders, garters, and elastic woven goods, . . . . .                   | 2,028                                     | 2,052    | 2,060     | 2,071  | 2,042  | 2,043 | 2,011 | 2,081 | 2,041   | 2,010      | 2,000    | 2,076     | 2,097     |
| Tobacco manufactures, . . . . .   | 2,936                                     | 4,080    | 4,037     | 3,998  | 2,934  | 3,477 | 3,928 | 3,889 | 3,747   | 3,700      | 3,687    | 3,618     | 3,664     |
| Toys and games, . . . . .   | 1,381                                     | 864      | 1,121     | 1,338  | 1,303  | 1,320 | 1,404 | 1,372 | 1,364   | 1,718      | 1,742    | 1,847     | 1,940     |
| Trunks and valises, . . . . .   | 377                                       | 305      | 306       | 300    | 412    | 400   | 408   | 389   | 377     | 376        | 374      | 381       | 388       |
| Type founding and printing materials, . . . . .                           | 98  | 101      | 102       | 100    | 96     | 98    | 84    | 84    | 84      | 92         | 90       | 89        | 89        |
| Upholstering materials, . . . . .   | 197                                       | 198      | 198       | 199    | 194    | 207   | 190   | 177   | 196     | 189        | 204      | 201       | 201       |
| Vinegar and cider, . . . . .  | 78  | 41       | 43        | 40     | 35     | 37    | 43    | 48    | 55      | 106        | 191      | 196       | 198       |
| Waste, . . . . .  | 800                                       | 763      | 813       | 839    | 797    | 820   | 786   | 760   | 783     | 746        | 833      | 839       | 854       |
| Wash and clock materials, . . . . .                                       | 168                                       | 166      | 163       | 163    | 163    | 148   | 150   | 147   | 166     | 169        | 173      | 179       | 181       |
| Whips, . . . . .  | 996                                       | 1,018    | 1,010     | 1,026  | 1,034  | 1,031 | 971   | 993   | 979     | 1046       | 1081     | 984       | 1017      |
| Window and door screens and weather strips, . . . . .                     | 113                                       | 74       | 83        | 97     | 138    | 178   | 178   | 160   | 139     | 99         | 80       | 74        | 76        |
| Window shades and fixtures, . . . . .                                     | 97  | 94       | 96        | 96     | 104    | 108   | 108   | 96    | 91      | 96         | 96       | 97        | 94        |

|  |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Wire.                                    | 2,899  | 3,174  | 3,104  | 3,110  | 3,097  | 2,378  | 2,704  | 2,813  | 2,817  | 2,845  | 2,817  | 2,678  | 2,661  |
| Wirework, including wire rope and cable, | 1,950  | 1,983  | 2,090  | 2,036  | 1,970  | 2,013  | 1,977  | 1,971  | 1,917  | 1,900  | 1,890  | 1,883  | 1,880  |
| Wood, turned and carved,                 | 1,339  | 1,239  | 1,394  | 1,437  | 1,451  | 1,425  | 1,391  | 1,304  | 1,265  | 1,276  | 1,307  | 1,301  | 1,278  |
| Wooden goods, not elsewhere specified,   | 430    | 436    | 486    | 440    | 435    | 438    | 480    | 429    | 424    | 423    | 416    | 418    | 435    |
| Wool scouring,                           | 577    | 563    | 621    | 638    | 593    | 597    | 499    | 550    | 556    | 511    | 563    | 627    | 602    |
| Woolen and worsted goods,                | 53,377 | 51,410 | 52,359 | 55,678 | 57,036 | 56,765 | 56,950 | 52,537 | 51,721 | 52,584 | 53,339 | 52,268 | 47,187 |
| All other industries,                    | 21,504 | 21,857 | 22,150 | 22,999 | 22,469 | 22,353 | 21,972 | 21,512 | 20,947 | 20,359 | 20,148 | 20,613 | 20,739 |







|  |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Boot and Shoe Cut Stock and Findings.</b> | 8,577  | 18 | 48  | 176 | 413   | 840   | 838   | 768   | 880   | 801   | 461   | 799   | 583   | 394   | 537   | 438   | 870   | 810   | 89    | 84    |
| Adults (18 years of age and over):           |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                             | 5,474  | 4  | 5   | 36  | 51    | 192   | 261   | 343   | 509   | 539   | 351   | 696   | 496   | 366   | 522   | 419   | 263   | 209   | 89    | 83    |
| Females, . . . . .                           | 2,610  | 7  | 34  | 86  | 249   | 488   | 484   | 395   | 347   | 263   | 109   | 107   | 37    | 27    | 15    | 13    | 7     | 1     | -     | 1     |
| Young persons (under 18 years of age),       | 483    | 1  | 9   | 54  | 113   | 160   | 88    | 24    | 24    | 9     | 4     | 6     | -     | 1     | -     | -     | -     | -     | -     | -     |
| <b>Boots and Shoes.</b>                      | 80,049 | 9  | 248 | 681 | 1,804 | 3,408 | 4,061 | 4,804 | 6,418 | 6,448 | 4,976 | 6,454 | 8,418 | 4,889 | 6,689 | 6,775 | 6,873 | 4,314 | 3,248 | 4,098 |
| Adults (18 years of age and over):           |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                             | 50,158 | -  | 19  | 76  | 263   | 649   | 1,120 | 1,684 | 2,569 | 2,941 | 2,590 | 3,533 | 3,606 | 3,060 | 4,531 | 5,088 | 6,278 | 4,016 | 3,214 | 4,022 |
| Females, . . . . .                           | 28,044 | 1  | 44  | 149 | 664   | 1,526 | 2,089 | 2,658 | 3,458 | 3,316 | 2,314 | 2,535 | 1,791 | 1,249 | 1,086 | 1,078 | 591   | 294   | 128   | 78    |
| Young persons (under 18 years of age),       | 4,847  | 8  | 179 | 456 | 878   | 1,231 | 852   | 462   | 385   | 186   | 72    | 66    | 21    | 20    | 12    | 9     | 4     | 4     | 1     | 1     |
| <b>Boots and Shoes, Rubber.</b>              | 8,699  | -  | 36  | 61  | 108   | 245   | 339   | 585   | 1,148 | 1,718 | 887   | 1,060 | 587   | 345   | 469   | 553   | 868   | 161   | 87    | 38    |
| Adults (18 years of age and over):           |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                             | 4,934  | -  | -   | 5   | 2     | 15    | 27    | 92    | 425   | 787   | 507   | 839   | 489   | 310   | 404   | 522   | 271   | 150   | 57    | 32    |
| Females, . . . . .                           | 3,083  | -  | -   | -   | 17    | 83    | 176   | 428   | 680   | 922   | 317   | 210   | 98    | 35    | 64    | 30    | 12    | 11    | -     | -     |
| Young persons (under 18 years of age),       | 582    | -  | 36  | 56  | 89    | 147   | 136   | 65    | 43    | 4     | 3     | 1     | -     | -     | 1     | 1     | -     | -     | -     | -     |
| <b>Boxes, Cigar.</b>                         | 166    | -  | -   | 8   | 10    | 31    | 80    | 89    | 10    | 9     | 8     | 6     | 8     | 8     | 16    | 38    | 7     | 8     | 4     | -     |
| Adults (18 years of age and over):           |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                             | 76     | -  | -   | -   | -     | 2     | -     | 3     | 1     | 4     | -     | 2     | 3     | 1     | 14    | 33    | 7     | 2     | 4     | -     |
| Females, . . . . .                           | 85     | -  | -   | -   | 5     | 13    | 18    | 26    | 9     | 5     | 3     | 4     | -     | 1     | 2     | -     | -     | -     | -     | -     |
| Young persons (under 18 years of age),       | 25     | -  | -   | 2   | 5     | 16    | 2     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Boxes, Fancy and Paper.</b>               | 4,350  | 9  | 55  | 808 | 577   | 438   | 450   | 458   | 478   | 408   | 878   | 518   | 179   | 184   | 198   | 180   | 108   | 66    | 85    | 15    |
| Adults (18 years of age and over):           |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                             | 1,345  | -  | -   | 5   | 13    | 25    | 51    | 63    | 99    | 137   | 100   | 181   | 125   | 93    | 164   | 113   | 91    | 55    | 25    | 15    |
| Females, . . . . .                           | 2,390  | -  | 7   | 75  | 238   | 207   | 360   | 348   | 347   | 264   | 171   | 131   | 54    | 31    | 27    | 17    | 12    | 1     | -     | -     |
| Young persons (under 18 years of age),       | 615    | 9  | 48  | 226 | 126   | 100   | 39    | 27    | 27    | 11    | 1     | -     | -     | -     | 1     | -     | -     | -     | -     | -     |

TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

| INDUSTRIES AND SEX.  | Total Num-<br>ber of<br>Wage-<br>Earnings | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |     |  |
|--|---|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|-----|--|
|  |   | \$3<br>Un-<br>der   | \$4<br>but<br>under | \$5<br>but<br>under | \$6<br>but<br>under | \$7<br>but<br>under | \$8<br>but<br>under | \$9<br>but<br>under | \$10<br>but<br>under | \$11<br>but<br>under | \$12<br>but<br>under | \$13<br>but<br>under | \$14<br>but<br>under | \$15<br>but<br>under | \$16<br>but<br>under | \$18<br>but<br>under | \$20<br>but<br>under | \$22<br>but<br>under | \$25<br>and<br>over |     |  |
|  |   | \$3<br>Un-<br>der   | \$4<br>but<br>under | \$5<br>but<br>under | \$6<br>but<br>under | \$7<br>but<br>under | \$8<br>but<br>under | \$9<br>but<br>under | \$10<br>but<br>under | \$11<br>but<br>under | \$12<br>but<br>under | \$13<br>but<br>under | \$14<br>but<br>under | \$15<br>but<br>under | \$16<br>but<br>under | \$18<br>but<br>under | \$20<br>but<br>under | \$22<br>but<br>under | \$25<br>and<br>over |     |  |
| Boxes, Wooden Packing.<br>Adults (18 years of age and over):<br>Males, . . . . .<br>Females, . . . . .<br>Young persons (under 18 years of age),                 | 3,101                                     | 1   | 10                  | 30                  | 39                  | 80                  | 136                 | 223                 | 360                  | 516                  | 667                  | 810                  | 107                  | 194                  | 389                  | 59                   | 18                   | 14                   |                     |     |  |
|  | 2,759                                     | -   | -                   | 5                   | 29                  | 98                  | 182                 | 326                 | 487                  | 532                  | 298                  | 100                  | 193                  | 81                   | 90                   | 59                   | 18                   | 14                   |                     |     |  |
|  | 229                                       | -   | -                   | 16                  | 18                  | 26                  | 17                  | 30                  | 22                   | 29                   | 32                   | 12                   | 7                    | 1                    | 1                    | -                    | -                    | -                    |                     |     |  |
|  | 113                                       | 1   | 10                  | 14                  | 16                  | 25                  | 21                  | 11                  | 12                   | -                    | 3                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |                     |     |  |
|  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |     |  |
| Brass, Bronze, and Copper<br>Products.<br>Adults (18 years of age and over):<br>Males, . . . . .<br>Females, . . . . .<br>Young persons (under 18 years of age), | 1,919                                     | -   | 1                   | 6                   | 13                  | 11                  | 21                  | 100                 | 160                  | 180                  | 37                   | 419                  | 218                  | 136                  | 111                  | 122                  | 125                  | 46                   | 48                  |     |  |
|  | 1,828                                     | -   | -                   | -                   | 1                   | 2                   | 8                   | 92                  | 152                  | 111                  | 84                   | 412                  | 216                  | 124                  | 110                  | 120                  | 107                  | 46                   | 48                  |     |  |
|  | 55  | -   | -                   | 2                   | 5                   | 1                   | 7                   | 6                   | 7                    | 8                    | 3                    | 6                    | 2                    | 2                    | 1                    | 2                    | 1                    | -                    | -                   |     |  |
|  | 30  | -   | 1                   | 4                   | 7                   | 8                   | 6                   | 1                   | 1                    | 1                    | -                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    |                     |     |  |
|  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |     |  |
| Bread and Other Bakery Products.<br>Adults (18 years of age and over):<br>Males, . . . . .<br>Females, . . . . .<br>Young persons (under 18 years of age),       | 7,609                                     | 13  | 53                  | 61                  | 238                 | 365                 | 454                 | 491                 | 505                  | 610                  | 868                  | 707                  | 369                  | 469                  | 761                  | 746                  | 636                  | 430                  | 188                 | 170 |  |
|  | 5,885                                     | 3   | 1                   | 2                   | 20                  | 53                  | 89                  | 164                 | 352                  | 493                  | 328                  | 667                  | 349                  | 456                  | 750                  | 742                  | 631                  | 427                  | 188                 | 170 |  |
|  | 1,337                                     | -   | 5                   | 30                  | 125                 | 212                 | 316                 | 279                 | 139                  | 112                  | 36                   | 38                   | 16                   | 10                   | 11                   | 2                    | 4                    | 2                    | -                   | -   |  |
|  | 387                                       | 10  | 27                  | 29                  | 93                  | 100                 | 49                  | 43                  | 14                   | 5                    | 2                    | 2                    | 1                    | 3                    | -                    | 2                    | 1                    | 1                    | -                   | -   |  |
|  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |     |  |
| Brick and Tile.<br>Adults (18 years of age and over):<br>Males, . . . . .<br>Females, . . . . .<br>Young persons (under 18 years of age),                        | 1,556                                     | -   | -                   | -                   | 11                  | 26                  | 27                  | 59                  | 76                   | 245                  | 173                  | 516                  | 48                   | 86                   | 39                   | 70                   | 29                   | 14                   | 18                  |     |  |
|  | 1,532                                     | -   | -                   | -                   | 6                   | 19                  | 19                  | 50                  | 74                   | 242                  | 173                  | 516                  | 48                   | 86                   | 39                   | 70                   | 22                   | 14                   | 18                  |     |  |
|  | 10  | -   | -                   | -                   | 2                   | 3                   | 4                   | -                   | -                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   |     |  |
|  | 14  | -   | -                   | -                   | 3                   | 4                   | 4                   | 2                   | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                   |     |  |
|  |   |   |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                     |     |  |

|  | 1     | 1  | 8   | 10  | 5   | 5   | 17  | 9   | 6  | 16  | 8   | 8   | 23  | 4   | 12 |    |    |
|--|-------|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|----|
| <b>Brooms.</b>                         |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Males, . . . . .                       | 113   | 1  | 2   | 4   | 3   | 3   | 16  | 7   | 6  | 16  | 8   | 8   | 23  | 4   | 12 | -  | -  |
| Females, . . . . .                     | 7     | -  | -   | 4   | 1   | 1   | 1   | -   | -  | -   | -   | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 13    | -  | 1   | 6   | 2   | 1   | 1   | 2   | -  | -   | -   | -   | -   | -   | -  | -  | -  |
| <b>Brushes.</b>                        |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Males, . . . . .                       | 1,545 | 2  | 163 | 200 | 159 | 165 | 123 | 100 | 91 | 119 | 53  | 56  | 64  | 100 | 76 | 53 | 15 |
| Females, . . . . .                     | 722   | -  | 1   | 20  | 23  | 48  | 52  | 43  | 45 | 84  | 48  | 51  | 62  | 95  | 76 | 53 | 15 |
| Young persons (under 18 years of age), | 679   | -  | 101 | 136 | 117 | 108 | 65  | 55  | 46 | 35  | 4   | 5   | 2   | 5   | -  | -  | -  |
|  | 144   | -  | 2   | 61  | 44  | 19  | 9   | 6   | 2  | -   | 1   | -   | -   | -   | -  | -  | -  |
| <b>Butter.</b>                         |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Males, . . . . .                       | 75    | -  | 1   | 1   | -   | 3   | -   | 4   | 7  | 10  | 4   | 9   | 9   | 6   | 8  | 6  | 2  |
| Females, . . . . .                     | 74    | -  | 1   | 1   | -   | 3   | -   | 3   | 7  | 10  | 4   | 9   | 9   | 5   | 8  | 6  | 2  |
| Young persons (under 18 years of age), | 1     | -  | -   | -   | -   | -   | -   | 1   | -  | -   | -   | -   | -   | -   | -  | -  | -  |
|  | -     | -  | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -  | -  | -  |
| <b>Buttons.</b>                        |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Males, . . . . .                       | 651   | 5  | 23  | 79  | 145 | 91  | 77  | 59  | 31 | 35  | 27  | 15  | 14  | 12  | 9  | 10 | 4  |
| Females, . . . . .                     | 251   | -  | 1   | 6   | 17  | 30  | 15  | 16  | 28 | 22  | 15  | 12  | 11  | 12  | 9  | 9  | 4  |
| Young persons (under 18 years of age), | 292   | 1  | 10  | 35  | 111 | 51  | 36  | 22  | 13 | 5   | 4   | 2   | 1   | -   | 1  | -  | -  |
|  | 108   | 4  | 12  | 38  | 17  | 10  | 18  | 2   | 2  | -   | 1   | -   | -   | -   | -  | -  | -  |
| <b>Canning and Preserving.</b>         |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |    |     |     |     |     |     |     |    |     |     |     |     |     |    |    |    |
| Males, . . . . .                       | 1,423 | 12 | 21  | 20  | 39  | 50  | 48  | 87  | 64 | 129 | 152 | 259 | 190 | 183 | 52 | 50 | 16 |
| Females, . . . . .                     | 602   | 5  | 23  | 80  | 361 | 93  | 48  | 21  | 15 | 2   | 3   | 5   | 3   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 98    | 1  | 6   | 10  | 59  | 8   | 7   | 4   | 2  | 1   | -   | -   | -   | -   | -  | -  | -  |









|   | 1 | 5  | 15  | 11    | 21    | 33    | 59  | 81  | 54  | 28  | 13  | 30  | 15  | 30  | 8   | 5   | 11 |
|---|---|----|-----|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | - | -  | 2   | 6     | 16    | 27    | 28  | 28  | 32  | 28  | 11  | 19  | 15  | 20  | 8   | 5   | 11 |
| Females, . . . . .                                    | - | -  | 5   | 5     | 5     | 6     | 1   | 3   | 2   | -   | 2   | 1   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                | - | 1  | 5   | 6     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Combs and Hairpins.</b>                            |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | - | -  | 15  | 45    | 79    | 100   | 136 | 160 | 217 | 221 | 142 | 113 | 52  | 37  | 22  | 3   | 20 |
| Females, . . . . .                                    | - | 2  | 92  | 118   | 129   | 131   | 98  | 23  | 11  | 5   | 1   | 1   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                | - | 2  | 33  | 91    | 91    | 50    | 20  | 8   | 3   | 1   | 3   | -   | -   | -   | -   | -   | -  |
| <b>Confectionery.</b>                                 |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | - | 33 | 328 | 1,346 | 1,459 | 1,063 | 683 | 449 | 271 | 117 | 111 | 126 | 133 | 137 | 79  | 41  | 69 |
| Females, . . . . .                                    | - | -  | -   | 13    | 52    | 157   | 240 | 276 | 237 | 106 | 203 | 113 | 122 | 133 | 75  | 40  | 67 |
| Young persons (under 18 years of age),                | - | 4  | 403 | 885   | 1,044 | 978   | 790 | 392 | 201 | 134 | 68  | 21  | 13  | 10  | 4   | 1   | 2  |
| <b>Cooperage.</b>                                     |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | - | -  | 6   | 8     | 5     | 40    | 25  | 81  | 170 | 69  | 77  | 35  | 32  | 34  | 11  | 4   | 1  |
| Females, . . . . .                                    | - | -  | -   | -     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                | - | -  | 6   | 3     | 10    | -     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Copper, Tin, and Sheet-Iron Products.</b>          |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | 2 | 6  | 53  | 115   | 136   | 173   | 249 | 333 | 399 | 193 | 156 | 200 | 179 | 244 | 190 | 270 | 66 |
| Females, . . . . .                                    | - | -  | -   | -     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                | - | 1  | 6   | 29    | 47    | 105   | 184 | 321 | 243 | 181 | 136 | 197 | 177 | 243 | 189 | 270 | 66 |
| <b>Copper, Tin, and Sheet-Iron Products.</b>          |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):                    |   |    |     |       |       |       |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                                      | - | -  | 28  | 41    | 50    | 32    | 51  | 47  | 45  | 9   | -   | 3   | 2   | 1   | 1   | -   | -  |
| Females, . . . . .                                    | - | -  | -   | -     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                | 1 | 5  | 18  | 45    | 39    | 35    | 14  | 15  | 1   | 3   | -   | -   | -   | -   | -   | -   | -  |

TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

| Industries and Sex.                       | Total Number of Wage-Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |                |
|---|------------------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|   |                              | \$3   | \$4           | \$5           | \$6           | \$7           | \$8           | \$9           | \$10           | \$11           | \$12           | \$13           | \$14           | \$15           | \$16           | \$17           | \$18           | \$19           | \$20           | \$21           | \$22           |
|   |                              | Under \$3   | but under \$4 | but under \$5 | but under \$6 | but under \$7 | but under \$8 | but under \$9 | but under \$10 | but under \$11 | but under \$12 | but under \$13 | but under \$14 | but under \$15 | but under \$16 | but under \$17 | but under \$18 | but under \$19 | but under \$20 | but under \$21 | but under \$22 |
| <b>Cordage and Twine, and Jute Goods.</b> | 6,189                        | -   | 2             | 108           | 391           | 993           | 851           | 790           | 1,893          | 340            | 198            | 199            | 95             | 105            | 156            | 87             | 41             | 20             | 20             | 20             | 21             |
| Adults (18 years of age and over):        |                              | -   | -             | -             | 9             | 61            | 230           | 424           | 1,601          | 164            | 160            | 184            | 92             | 104            | 156            | 86             | 41             | 20             | 20             | 20             | 21             |
| Males, . . . . .                          | 3,373                        | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Females, . . . . .                        | 2,084                        | -   | 19            | 126           | 558           | 536           | 334           | 249           | 162            | 32             | 14             | 2              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | -              |
| Young persons (under 18 years of age),    | 792                          | 2   | 84            | 156           | 374           | 85            | 32            | 43            | 14             | -              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | -              |
| <b>Cordials and Flavoring Syrups.</b>     | 48                           | -   | 1             | 13            | 9             | -             | -             | 2             | 1              | 1              | -              | 1              | -              | 2              | 2              | 3              | 3              | 2              | 2              | 2              | 4              |
| Adults (18 years of age and over):        |                              | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Males, . . . . .                          | 21                           | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Females, . . . . .                        | 19                           | -   | 1             | 10            | 4             | -             | 2             | -             | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Young persons (under 18 years of age),    | 3                            | -   | -             | -             | 3             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| <b>Corsets.</b>                           | 2,868                        | 14  | 98            | 187           | 506           | 478           | 557           | 457           | 362            | 160            | 98             | 58             | 57             | 43             | 34             | 50             | 28             | 11             | 11             | 11             | 21             |
| Adults (18 years of age and over):        |                              | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Males, . . . . .                          | 288                          | -   | 2             | 2             | 4             | 5             | 7             | 19            | 17             | 4              | 27             | 14             | 16             | 32             | 26             | 54             | 28             | 11             | 11             | 11             | 20             |
| Females, . . . . .                        | 2,283                        | -   | 54            | 57            | 195           | 436           | 535           | 460           | 241            | 144            | 71             | 44             | 21             | 11             | 8              | 5              | 5              | 5              | 5              | 5              | 1              |
| Young persons (under 18 years of age),    | 297                          | 14  | 42            | 68            | 107           | 37            | 15            | 8             | 4              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| <b>Cotton Goods.</b>                      | 104,510                      | 547   | 2,019         | 5,108         | 10,668        | 16,578        | 17,296        | 14,555        | 10,601         | 7,761          | 5,987          | 5,674          | 3,108          | 2,640          | 1,844          | 976            | 511            | 369            | 511            | 369            | 538            |
| Adults (18 years of age and over):        |                              | -   | -             | -             | -             | -             | -             | -             | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Males, . . . . .                          | 52,781                       | 21  | 183           | 823           | 3,212         | 7,814         | 7,812         | 6,295         | 5,354          | 4,607          | 4,210          | 2,999          | 2,790          | 2,502          | 1,785          | 940            | 508            | 359            | 508            | 359            | 538            |
| Females, . . . . .                        | 41,847                       | 5   | 123           | 499           | 2,075         | 5,126         | 6,956         | 8,491         | 7,539          | 5,042          | 3,052          | 1,747          | 671            | 316            | 136            | 69             | 7              | 3              | 3              | 3              | -              |
| Young persons (under 18 years of age),    | 9,882                        | 30  | 403           | 1,337         | 2,210         | 2,320         | 1,803         | 923           | 521            | 205            | 92             | 30             | 4              | 2              | 2              | 2              | 2              | 2              | 2              | 2              | -              |

[illegible]

TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

[illegible]







[illegible]





TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

| INDUSTRIES AND SEX.                                     | Total<br>Num-<br>ber of<br>Wage-<br>Earnings | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |              |           |              |           |
|---|--|---|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|-----------|--------------|-----------|--------------|-----------|
|   |  | Under \$3   |           | \$3 to \$4 |           | \$4 to \$5 |           | \$5 to \$6 |           | \$6 to \$7 |           | \$7 to \$8 |           | \$8 to \$9 |           | \$9 to \$10 |           | \$10 to \$11 |           | \$11 to \$12 |           |
|   |  | but under   | but under | but under  | but under | but under  | but under | but under  | but under | but under  | but under | but under  | but under | but under  | but under | but under   | but under | but under    | but under | but under    | but under |
|   |  | \$3   | \$4       | \$5        | \$6       | \$7        | \$8       | \$9        | \$10      | \$11       | \$12      | \$13       | \$14      | \$15       | \$16      | \$17        | \$18      | \$19         | \$20      | \$21         | \$22      |
| <b>Hardware.</b>  | 1,389  | -   | 14        | 48         | 91        | 59         | 148       | 110        | 104       | 108        | 97        | 97         | 58        | 135        | 113       | 124         | 49        | 24           | 80        |              |           |
| Adults (18 years of age and over):                      |  |   |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |              |           |              |           |
| Males, . . . . .  | 1,206  | -   | 1         | 8          | 51        | 36         | 128       | 89         | 94        | 97         | 91        | 95         | 52        | 134        | 113       | 124         | 49        | 24           | 20        |              |           |
| Females, . . . . .                                      | 81   | -   | -         | 9          | 18        | 11         | 12        | 12         | 9         | 4          | 3         | 2          | -         | 1          | -         | -           | -         | -            | -         |              |           |
| Young persons (under 18 years of age),                  | 102  | 2   | 13        | 31         | 22        | 12         | 8         | 9          | 1         | 1          | 3         | -          | -         | -          | -         | -           | -         | -            | -         |              |           |
| <b>Hats and Caps, other than Felt, Straw, and Wool.</b> | 299  | -   | 5         | 19         | 15        | 21         | 21        | 22         | 20        | 5          | 28        | 13         | 22        | 16         | 22        | 22          | 15        | 14           | 19        |              |           |
| Adults (18 years of age and over):                      |  |   |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |              |           |              |           |
| Males, . . . . .  | 195  | -   | 2         | 1          | 5         | 7          | 6         | 6          | 11        | 1          | 20        | 8          | 22        | 14         | 22        | 22          | 15        | 14           | 19        |              |           |
| Females, . . . . .                                      | 83   | -   | -         | 9          | 8         | 11         | 14        | 16         | 8         | 4          | 8         | 5          | -         | -          | -         | -           | -         | -            | -         |              |           |
| Young persons (under 18 years of age),                  | 21   | -   | 3         | 9          | 2         | 3          | 1         | -          | 1         | -          | -         | -          | -         | 2          | -         | -           | -         | -            | -         |              |           |
| <b>Hats, Fur-Felt.</b>                                  | 1,596  | 4   | 11        | 23         | 48        | 74         | 63        | 179        | 168       | 188        | 123       | 33         | 68        | 63         | 74        | 65          | 38        | 19           | 36        |              |           |
| Adults (18 years of age and over):                      |  |   |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |              |           |              |           |
| Males, . . . . .  | 861  | -   | 5         | 15         | 30        | 45         | 74        | 84         | 87        | 51         | 97        | 62         | 50        | 54         | 66        | 62          | 29        | 14           | 36        |              |           |
| Females, . . . . .                                      | 498  | -   | 8         | 23         | 43        | 47         | 105       | 84         | 51        | 46         | 26        | 20         | 12        | 14         | 8         | 3           | 3         | 5            | -         |              |           |
| Young persons (under 18 years of age),                  | 37   | 4   | 11        | 10         | 1         | 1          | -         | -          | -         | -          | -         | -          | -         | -          | -         | -           | -         | -            | -         |              |           |
| <b>Hats, Straw.</b>                                     | 3,174  | -   | 4         | 74         | 61        | 104        | 140       | 176        | 278       | 386        | 324       | 167        | 158       | 193        | 216       | 197         | 158       | 105          | 174       |              |           |
| Adults (18 years of age and over):                      |  |   |           |            |           |            |           |            |           |            |           |            |           |            |           |             |           |              |           |              |           |
| Males, . . . . .  | 1,023  | -   | -         | 2          | 6         | 17         | 27        | 67         | 215       | 78         | 134       | 80         | 51        | 86         | 58        | 71          | 43        | 16           | 72        |              |           |
| Females, . . . . .                                      | 2,068  | -   | 4         | 68         | 53        | 86         | 104       | 129        | 206       | 199        | 186       | 87         | 99        | 102        | 156       | 126         | 96        | 89           | 102       |              |           |
| Young persons (under 18 years of age),                  | 83   | -   | 6         | 6          | 12        | 19         | 20        | 5          | 2         | -          | 4         | -          | 2         | 5          | 2         | -           | -         | -            | -         |              |           |

|   | 1899  | 1900 | 1901 | 1902 | 1903 | 1904  | 1905  | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
|---|-------|------|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>Shoes and Knit Goods.</b>                            |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Adults (18 years of age and over):                      |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Males, . . . . .  | 2,668 | 3    | 58   | 147  | 279  | 241   | 289   | 287  | 286  | 254  | 175  | 119  | 100  | 128  | 108  | 65   | 40   | 119  |      |      |      |      |
| Females, . . . . .                                      | 7,134 | 127  | 300  | 590  | 856  | 1,240 | 1,051 | 871  | 433  | 366  | 92   | 67   | 45   | 15   | 5    | 2    | 1    | 1    |      |      |      |      |
| Young persons (under 18 years of age),                  | 1,197 | 2    | 71   | 231  | 252  | 206   | 237   | 104  | 52   | 9    | 1    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| <b>House-Furnishing Goods, not elsewhere specified.</b> |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Adults (18 years of age and over):                      |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Males, . . . . .  | 322   | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Females, . . . . .                                      | 98    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Young persons (under 18 years of age),                  | 30    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| <b>Ice, Manufactured.</b>                               |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Adults (18 years of age and over):                      |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Males, . . . . .  | 60    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Females, . . . . .                                      | 60    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Young persons (under 18 years of age),                  | -     | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| <b>Instruments, Professional and Scientific.</b>        |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Adults (18 years of age and over):                      |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Males, . . . . .  | 613   | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Females, . . . . .                                      | 92    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Young persons (under 18 years of age),                  | 24    | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| <b>Iron and Steel, Steel Works and Rolling Mills.</b>   |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Adults (18 years of age and over):                      |       |      |      |      |      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Males, . . . . .  | 3,201 | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Females, . . . . .                                      | 107   | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |
| Young persons (under 18 years of age),                  | 3     | -    | -    | -    | -    | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |      |      |      |

























TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

[illegible]



TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

| INDUSTRIES AND SEX.                                   | Total<br>Num-<br>ber of<br>Wage-<br>Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
|---|---|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|--|
|   |   | Un-<br>der<br>\$3   | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$22 | \$22<br>but<br>under<br>\$25 | \$25<br>and<br>over |  |
| <b>Scales and Balances.</b>                           |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):                    | 27  | -   | 1                          | -                          | -                          | -                          | 1                          | 1                          | -                           | 2                            | 1                            | 1                            | 1                            | 4                            | 4                            | 3                            | 7                            | -                            | 1                            | -                   |  |
| Males, . . . . .                                      | 27  | -   | 1                          | -                          | -                          | -                          | 1                          | 1                          | -                           | 2                            | 1                            | 1                            | 1                            | 4                            | 4                            | 3                            | 7                            | -                            | 1                            | -                   |  |
| Females, . . . . .                                    | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),                | -   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| <b>Screws, Machine.</b>                               |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):                    | 391   | 1   | 16                         | 35                         | 35                         | 30                         | 27                         | 23                         | 30                          | 32                           | 17                           | 21                           | 21                           | 13                           | 21                           | 35                           | 32                           | 16                           | 12                           | 7                   |  |
| Males, . . . . .                                      | 336   | -   | 1                          | 17                         | 20                         | 16                         | 24                         | 22                         | 30                          | 32                           | 17                           | 21                           | 21                           | 13                           | 21                           | 35                           | 32                           | 16                           | 12                           | 7                   |  |
| Females, . . . . .                                    | 27  | -   | 1                          | 11                         | 7                          | 4                          | 3                          | 1                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),                | 28  | 1   | 14                         | 7                          | 6                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| <b>Shipbuilding, Wooden, Including Boat Building.</b> |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):                    | 1,064                                       | -   | 2                          | 3                          | 7                          | 4                          | 7                          | 25                         | 38                          | 18                           | 30                           | 35                           | 35                           | 24                           | 110                          | 112                          | 413                          | 127                          | 45                           | 14                  |  |
| Males, . . . . .                                      | 1,058                                       | -   | 1                          | 3                          | 3                          | 4                          | 7                          | 25                         | 38                          | 18                           | 79                           | 35                           | 35                           | 24                           | 110                          | 112                          | 413                          | 127                          | 45                           | 14                  |  |
| Females, . . . . .                                    | 6   | -   | -                          | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),                | -   | -   | 1                          | -                          | 4                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |
| <b>Shirts.</b>  |   |   |                            |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                     |  |
| Adults (18 years of age and over):                    | 1,338                                       | 14  | 28                         | 63                         | 230                        | 222                        | 231                        | 206                        | 229                         | 147                          | 90                           | 55                           | 55                           | 63                           | 86                           | 93                           | 35                           | 22                           | 8                            | 15                  |  |
| Males, . . . . .                                      | 445   | -   | 2                          | 2                          | 10                         | 22                         | 15                         | 16                         | 16                          | 16                           | 26                           | 33                           | 33                           | 42                           | 78                           | 89                           | 33                           | 22                           | 8                            | 15                  |  |
| Females, . . . . .                                    | 1,273                                       | 5   | 12                         | 35                         | 214                        | 172                        | 204                        | 185                        | 208                         | 129                          | 63                           | 22                           | 22                           | 10                           | 8                            | 4                            | 2                            | -                            | -                            | -                   |  |
| Young persons (under 18 years of age),                | 163   | 9   | 14                         | 26                         | 56                         | 38                         | 12                         | 5                          | 5                           | 2                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                   |  |







TABLE IV. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

| INDUSTRIES AND SEX.  | Total Number of Wage-Earners | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                   |                   |                   |                   |                   |                   |                    |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |               |  |
|--|------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|--|
|  |                              | Un-der \$3  | \$3 but under \$4 | \$4 but under \$5 | \$5 but under \$6 | \$6 but under \$7 | \$7 but under \$8 | \$8 but under \$9 | \$9 but under \$10 | \$10 but under \$11 | \$11 but under \$12 | \$12 but under \$13 | \$13 but under \$14 | \$14 but under \$15 | \$15 but under \$16 | \$16 but under \$18 | \$18 but under \$20 | \$20 but under \$22 | \$22 but under \$25 | \$25 and Over |  |
|  |                              | \$3   | \$4               | \$5               | \$6               | \$7               | \$8               | \$9               | \$10               | \$11                | \$12                | \$13                | \$14                | \$15                | \$16                | \$18                | \$20                | \$22                | \$25                |               |  |
| <b>Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.</b>  | 1,823                        | -   | 2                 | 3                 | 7                 | 18                | 16                | 60                | 166                | 86                  | 236                 | 97                  | 42                  | 114                 | 134                 | 153                 | 140                 | 164                 | 391                 |               |  |
| Adults (18 years of age and over):                                     |                              | -   | 2                 | -                 | 2                 | 10                | 14                | 52                | 159                | 83                  | 233                 | 97                  | 41                  | 114                 | 134                 | 151                 | 146                 | 154                 | 391                 |               |  |
| Males, . . . . .   | 1,783                        | -   | -                 | 1                 | -                 | 2                 | -                 | 1                 | 4                  | 2                   | 3                   | -                   | 1                   | -                   | -                   | 1                   | -                   | -                   | -                   |               |  |
| Females, . . . . .   | 15                           | -   | -                 | 2                 | 5                 | 6                 | 2                 | 7                 | 3                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| Young persons (under 18 years of age),                                 | 25                           | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| <b>Structural Iron Work, not made in Steel Works or Rolling Mills.</b> | 1,714                        | -   | 5                 | 8                 | 17                | 19                | 31                | 58                | 202                | 113                 | 248                 | 159                 | 72                  | 164                 | 149                 | 158                 | 86                  | 74                  | 160                 |               |  |
| Adults (18 years of age and over):                                     |                              | -   | 2                 | 4                 | 8                 | 11                | 25                | 58                | 202                | 113                 | 248                 | 159                 | 72                  | 164                 | 149                 | 158                 | 86                  | 74                  | 160                 |               |  |
| Males, . . . . .   | 1,684                        | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| Females, . . . . .   | -                            | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| Young persons (under 18 years of age),                                 | 30                           | -   | 1                 | 3                 | 4                 | 9                 | 8                 | 5                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| <b>Surgical Appliances.</b>  | 278                          | -   | 4                 | 16                | 20                | 20                | 16                | 26                | 57                 | 25                  | 11                  | 6                   | 5                   | 10                  | 10                  | 13                  | 10                  | 8                   | 13                  |               |  |
| Adults (18 years of age and over):                                     |                              | -   | 1                 | 1                 | 1                 | 2                 | 6                 | 27                | 49                 | 23                  | 9                   | 6                   | 5                   | 8                   | 9                   | 13                  | 10                  | 8                   | 13                  |               |  |
| Males, . . . . .   | 190                          | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   | -                   |               |  |
| Females, . . . . .   | 77                           | -   | -                 | 14                | 17                | 17                | 8                 | 8                 | 7                  | 2                   | 2                   | -                   | -                   | 2                   | -                   | -                   | -                   | -                   | -                   |               |  |
| Young persons (under 18 years of age),                                 | 11                           | -   | 3                 | 1                 | 2                 | 1                 | 1                 | 1                 | 1                  | -                   | -                   | -                   | -                   | -                   | 1                   | -                   | -                   | -                   | -                   |               |  |











|  |  |    |    |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
|--|--|----|----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| <b>Woolen and Worsted Goods.</b>       |  | 18 | 20 | 237 | 1,225 | 6,214 | 9,208 | 9,268 | 6,224 | 4,125 | 3,604 | 3,402 | 2,268 | 2,000 | 2,104 | 2,122 | 1,125 | 255 | 279 | 223 |
| Adults (18 years of age and over):     |  |    |    |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Males, . . . . .                       |  | -  | -  | 60  | 154   | 1,262 | 2,867 | 5,514 | 2,942 | 2,480 | 2,200 | 2,327 | 2,247 | 1,645 | 1,723 | 1,843 | 1,029 | 503 | 274 | 253 |
| Females, . . . . .                     |  | -  | 1  | 86  | 667   | 2,619 | 4,651 | 3,908 | 2,283 | 1,851 | 1,460 | 1,087 | 712   | 444   | 322   | 289   | 94    | 32  | 5   | 3   |
| Young persons (under 18 years of age), |  | 12 | 49 | 441 | 864   | 2,323 | 1,624 | 566   | 294   | 94    | 34    | 13    | 9     | 1     | -     | -     | -     | -   | -   | -   |
| <b>All Other Industries.</b>           |  | 6  | 23 | 165 | 209   | 1,264 | 211   | 915   | 2,027 | 2,179 | 1,079 | 2,223 | 1,242 | 1,049 | 1,606 | 1,514 | 1,162 | 224 | 229 | 203 |
| Adults (18 years of age and over):     |  |    |    |     |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |
| Males, . . . . .                       |  | 1  | 8  | 20  | 26    | 55    | 86    | 202   | 1,433 | 1,718 | 837   | 2,206 | 1,276 | 1,008 | 1,573 | 1,499 | 1,147 | 273 | 268 | 200 |
| Females, . . . . .                     |  | 3  | 28 | 50  | 212   | 949   | 629   | 578   | 585   | 445   | 229   | 140   | 65    | 41    | 32    | 13    | 15    | 6   | 1   | 3   |
| Young persons (under 18 years of age), |  | 1  | 17 | 95  | 271   | 240   | 96    | 65    | 44    | 16    | 3     | 6     | 2     | -     | 1     | 2     | -     | -   | -   | -   |

TABLE V. DAYS IN OPERATION.

## A. THE STATE: BY INDUSTRIES.

| INDUSTRIES.                | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.                | Number of Establishments | Average Number of Days in Operation |
|----------------------------|--------------------------|-------------------------------------|----------------------------|--------------------------|-------------------------------------|
| <b>THE STATE.</b>          | <b>12,613</b>            | <b>266.6</b>                        | <b>The State — Con.</b>    |                          |                                     |
| Agricultural implements,   | 4                        | 311.3                               | Coffee and spice, roast-   | 31                       | 303.5                               |
| Artificial limbs,          | 8                        | 277.2                               | ing and grinding,          |                          |                                     |
| Artificial stone products, | 55                       | 290.2                               | Coffins, burial cases, and |                          |                                     |
| Automobiles, including     |                          |                                     | undertakers' goods,        | 9                        | 306.9                               |
| bodies and parts,          | 66                       | 176.6                               | Combs and hairpins,        | 34                       | 276.5                               |
| Automobile repairing,      | 86                       | 303.1                               | Confectionery and ice      |                          |                                     |
| Awnings, tents, and sails, |                          |                                     | cream,                     | 276                      | 263.4                               |
| Baskets, and rattan and    | 58                       | 262.1                               | Confectionery,             | 145                      | 285.3                               |
| willow ware,               | 15                       | 282.7                               | Chewing gum,               | 3                        | 157.7                               |
| Belting, leather,          | 20                       | 303.4                               | Ice cream,                 | 128                      | 264.7                               |
| Belting and hose, woven,   | 6                        | 300.7                               |                            |                          |                                     |
| Billiard tables and ma-    |                          |                                     | Cooperage,                 | 35                       | 213.3                               |
| terials,                   | 6                        | 305.0                               | Copper, tin, and sheet-    |                          |                                     |
| Blacking, stains, and      |                          |                                     | iron products,             | 159                      | 291.8                               |
| dressings,                 | 59                       | 300.7                               | Cordage and twine, and     |                          |                                     |
| Bookbinding and blank-     |                          |                                     | jute goods,                | 13                       | 292.9                               |
| book making,               | 96                       | 297.0                               | Cordials and flavoring     |                          |                                     |
| Boot and shoe cut stock    |                          |                                     | syrups,                    | 9                        | 294.3                               |
| and findings,              | 420                      | 282.9                               | Corsets,                   | 11                       | 284.8                               |
| Boots and shoes,           | 464                      | 277.3                               | Cotton goods,              | 165                      | 283.5                               |
| Boots and shoes, rubber,   | 9                        | 273.4                               | Cotton small wares,        | 24                       | 281.4                               |
| Boxes, cigar,              | 5                        | 237.4                               | Cutlery and tools, not     |                          |                                     |
| Boxes, fancy and paper,    | 97                       | 292.6                               | elsewhere specified,       | 137                      | 276.1                               |
| Boxes, wooden packing,     | 91                       | 271.7                               | Dental goods,              | 8                        | 297.7                               |
| Brass, bronze, and copper  |                          |                                     | Dyeing and finishing       |                          |                                     |
| products,                  | 73                       | 281.0                               | textiles,                  | 57                       | 278.5                               |
| Bread and other bakery     |                          |                                     | Dyestuffs and extracts,    | 17                       | 300.4                               |
| products,                  | 1,419                    | 298.1                               | Electrical machinery, ap-  |                          |                                     |
| Brick and tile,            | 46                       | 194.5                               | paratus, and supplies,     | 91                       | 283.7                               |
| Brooms,                    | 26                       | 235.6                               | Electroplating,            | 50                       | 296.8                               |
| Brushes,                   | 29                       | 290.3                               | Emery and other abra-      |                          |                                     |
| Butter,                    | 17                       | 290.9                               | sive wheels,               | 12                       | 285.7                               |
| Buttons,                   | 14                       | 273.1                               | Enameling and japan-       |                          |                                     |
| Canning and preserving,    |                          |                                     | ing,                       | 13                       | 296.1                               |
| Card cutting and design-   |                          |                                     | Engraving and disink-      |                          |                                     |
| ing,                       | 4                        | 292.5                               | ing,                       | 43                       | 296.6                               |
| Carpets and rugs, other    |                          |                                     | Engraving steel and cop-   |                          |                                     |
| than rag,                  | 12                       | 277.4                               | per plate, including       |                          |                                     |
| Carpets, rag,              | 21                       | 298.2                               | plate printing,            | 29                       | 293.1                               |
| Carriages and sleds, chil- |                          |                                     | Envelopes,                 | 11                       | 294.3                               |
| dren's,                    | 8                        | 291.4                               | Fancy articles, not else-  |                          |                                     |
| Carriages and wagons       |                          |                                     | where specified,           | 30                       | 279.2                               |
| and materials,             |                          |                                     | Felt goods,                | 15                       | 251.8                               |
| Carriages and wagons (re-  |                          |                                     | Firearms,                  | 6                        | 284.8                               |
| pair work exclusively),    |                          |                                     | Flavoring extracts,        | 35                       | 300.6                               |
| Cars and general shop      |                          |                                     | Flour-mill and gristmill   |                          |                                     |
| construction and re-       |                          |                                     | products,                  | 105                      | 286.5                               |
| pairs by steam-rail-       |                          |                                     | Food preparations,         | 68                       | 283.2                               |
| road companies,            | 15                       | 287.3                               | Foundry and machine-       |                          |                                     |
| Cars and general shop      |                          |                                     | shop products,             | 724                      | 288.9                               |
| construction and re-       |                          |                                     | Fur goods,                 | 17                       | 264.1                               |
| pairs by electric-rail-    |                          |                                     | Furnishing goods, men's,   | 13                       | 283.5                               |
| road companies,            | 39                       | 235.6                               | Furniture,                 | 134                      | 284.6                               |
| Chemicals,                 | 24                       | 297.4                               | Galvanizing,               | 3                        | 286.7                               |
| Cleaning and polishing     |                          |                                     | Gas and electric fixtures, | 15                       | 292.7                               |
| preparations,              | 34                       | 296.4                               | Gas, illuminating and      |                          |                                     |
| Cloth, sponging and re-    |                          |                                     | heating,                   | 61                       | 353.4                               |
| finishing,                 | 4                        | 309.0                               | Glass cutting, staining,   |                          |                                     |
| Clothing, men's,           | 213                      | 276.3                               | and ornamenting,           | 35                       | 282.5                               |
| Clothing, men's, button-   |                          |                                     | Glue,                      | 11                       | 271.3                               |
| holes,                     | 3                        | 295.7                               | Gold and silver, leaf and  |                          |                                     |
| Clothing, women's,         | 203                      | 279.3                               | foil,                      | 10                       | 287.6                               |
|                            |                          |                                     | Gold and silver, reducing  |                          |                                     |
|                            |                          |                                     | and refining, not from     |                          |                                     |
|                            |                          |                                     | the ore,                   | 7                        | 305.0                               |

TABLE V. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.   | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation |
|---|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>   |                          |                                     | <b>The State — Con.</b>  |                          |                                     |
| Grease and tallow, . . .  | 33                       | 287.6                               | Musical instruments and materials, not specified, . . .                  | 25                       | 297.3                               |
| Hand-knit goods, . . .  | 8                        | 177.5                               | Musical instruments, pianos and organs, and materials, . . .             | 53                       | 282.6                               |
| Hand stamps and stencils and brands, . . .  | 32                       | 297.7                               | Oil, not elsewhere specified, . . .                                      | 16                       | 300.5                               |
| Hardware, . . .   | 31                       | 285.1                               | Optical goods, . . .   | 13                       | 292.8                               |
| Hats and caps, other than felt, straw, and wool, . . .  | 38                       | 282.0                               | Paints and varnishes, . . .  | 34                       | 292.0                               |
| Hats, fur-felt, . . .   | 10                       | 242.9                               | Paper and wood pulp, . . .   | 86                       | 257.6                               |
| Hats, straw, . . .  | 10                       | 262.7                               | Paper goods, not elsewhere specified, . . .                              | 49                       | 276.5                               |
| Hosiery and knit goods, . . .   | 69                       | 273.0                               | Patent medicines and compounds and druggists' preparations, . . .        | 152                      | 280.6                               |
| House-furnishing goods, not elsewhere specified, . . .  | 29                       | 277.4                               | Paving materials, . . .  | 11                       | 203.6                               |
| Ice, manufactured, . . .  | 6                        | 320.0                               | Photo-engraving, . . .   | 27                       | 301.4                               |
| Instruments, professional and scientific, . . .   | 23                       | 293.0                               | Pipes, tobacco, . . .  | 3                        | 296.3                               |
| Iron and steel, steel works and rolling mills, . . .  | 11                       | 276.7                               | Plumbers' supplies, . . .  | 19                       | 286.7                               |
| Iron and steel, bolts, nuts, washers, and rivets, not made in steel works and rolling mills, . . .                      | 8                        | 290.6                               | Pocketbooks, . . .   | 10                       | 280.1                               |
| Iron and steel forgings, . . .  | 10                       | 279.9                               | Pottery, not including terra cotta and fire-clay products, . . .         | 8                        | 301.6                               |
| Iron and steel nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . . | 28                       | 270.0                               | Printing and publishing, book and job, . . .                             | 741                      | 294.7                               |
| Jewelry, . . .  | 202                      | 269.8                               | Printing and publishing, music, . . .                                    | 9                        | 292.0                               |
| Jewelry and instrument cases, . . .   | 10                       | 294.6                               | Printing and publishing, newspapers and periodicals, . . .               | 456                      | 304.8                               |
| Labels and tags, . . .  | 5                        | 303.8                               | Refrigerators, . . .   | 11                       | 298.1                               |
| Lamps and reflectors, . . .   | 7                        | 300.9                               | Regalia and society badges and emblems, . . .                            | 12                       | 303.7                               |
| Lasts, . . .  | 32                       | 283.0                               | Rubber goods, not elsewhere specified, . . .                             | 42                       | 263.9                               |
| Leather goods, not elsewhere specified, . . .   | 41                       | 297.1                               | Saddlery and harness, . . .  | 43                       | 302.5                               |
| Leather, tanned, curried, and finished, . . .   | 126                      | 274.1                               | Sausage, not made in slaughtering and meat-packing establishments, . . . | 61                       | 301.1                               |
| Lime, . . .   | 11                       | 309.6                               | Scales and balances, . . .   | 4                        | 275.5                               |
| Linen goods, . . .  | 7                        | 284.7                               | Screws, machine, . . .   | 17                       | 299.7                               |
| Liquors, distilled, . . .   | 7                        | 238.6                               | Shipbuilding, wooden, including boat building, . . .                     | 81                       | 271.3                               |
| Liquors, malt, . . .  | 26                       | 295.4                               | Shirts, . . .  | 14                       | 296.6                               |
| Lithographing, . . .  | 13                       | 296.8                               | Shoddy, wool, . . .  | 17                       | 280.0                               |
| Looking-glass and picture frames, . . .   | 31                       | 238.8                               | Show cases, . . .  | 12                       | 303.1                               |
| Lumber and timber products, . . .   | 277                      | 167.6                               | Signs and advertising novelties, . . .                                   | 20                       | 290.1                               |
| Lumber, planing-mill products, . . .  | 198                      | 290.9                               | Silk and silk goods, including throwsters, . . .                         | 19                       | 281.4                               |
| Marble and stone work, . . .  | 107                      | 256.2                               | Silverware and plated ware, . . .  | 17                       | 283.7                               |
| Mattresses and spring beds, . . .   | 54                       | 300.0                               | Slaughtering and meat packing, . . .                                     | 46                       | 267.7                               |
| Millinery and lace goods, . . .   | 69                       | 287.4                               | Soap, . . .  | 32                       | 276.0                               |
| Mineral and soda waters, . . .  | 171                      | 269.9                               | Sporting and athletic goods, . . .                                       | 15                       | 281.7                               |
| Minerals and earths, ground, . . .  | 9                        | 280.3                               | Springs, steel, car, and carriage, . . .                                 | 7                        | 301.7                               |
| Mirrors, . . .  | 8                        | 291.8                               | Stationery goods, not elsewhere specified, . . .                         | 27                       | 285.7                               |
| Models and patterns, not including paper patterns, . . .  | 66                       | 294.5                               | Statuary and art goods, . . .  | 13                       | 291.6                               |
| Monuments and tombstones, . . .   | 199                      | 273.1                               |  |                          |                                     |
| Motorcycles, bicycles, and parts, . . .   | 6                        | 252.2                               |  |                          |                                     |
| Mudluge and paste, . . .  | 22                       | 242.6                               |  |                          |                                     |

TABLE V. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Concluded.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.   | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|---|--------------------------|-------------------------------------|
| <b>The State — Con.</b>  |                          |                                     | <b>The State — Con.</b>                               |                          |                                     |
| Steam fittings and steam and hot-water heating apparatus, . . . . .      | 21                       | 286.5                               | Waste, Watch and clock materials, . . . . .           | 11                       | 265.5                               |
| Steam packing, . . . . .   | 11                       | 276.6                               | Whips, . . . . .                                      | 5                        | 270.6                               |
| Stereotyping and electrotyping, . . . . .                                | 15                       | 303.3                               | Window and door screens and weather strips, . . . . . | 21                       | 293.7                               |
| Stoves and hot-air furnaces, except gas and oil stoves, . . . . .        | 13                       | 249.3                               | Window shades and fixtures, . . . . .                 | 23                       | 293.0                               |
| Structural ironwork, not made in steel works or rolling mills, . . . . . | 14                       | 303.9                               | Wire, . . . . .                                       | 14                       | 303.6                               |
| Surgical appliances, . . . . .   | 51                       | 303.1                               | Wirework, including wire rope and cable, . . . . .    | 8                        | 293.9                               |
| Suspenders, garters, and elastic woven goods, . . . . .                  | 14                       | 288.3                               | Wood, turned and carved, . . . . .                    | 30                       | 278.1                               |
| Tobacco manufactures, . . . . .  | 30                       | 281.6                               | Wooden goods, not elsewhere specified, . . . . .      | 63                       | 277.7                               |
| Toys and games, . . . . .  | 336                      | 280.2                               | Wool scouring, . . . . .                              | 18                       | 280.6                               |
| Trunks and valises, . . . . .  | 25                       | 287.5                               | Woolen and worsted goods, . . . . .                   | 10                       | 267.6                               |
| Type founding and printing materials, . . . . .                          | 9                        | 272.8                               | All other industries, . . . . .                       | 156                      | 272.1                               |
| Upholstering materials, . . . . .  | 8                        | 294.0                               |   | 235                      | 280.5                               |
| Vinegar and cider, . . . . .   | 53                       | 131.5                               |   |                          |                                     |

## B. THE STATE: BY CITIES AND TOWNS.

| CITIES AND TOWNS.       | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.       | Number of Establishments | Average Number of Days in Operation |
|-------------------------|--------------------------|-------------------------------------|-------------------------|--------------------------|-------------------------------------|
| <b>THE STATE.</b>       | <b>11,613</b>            | <b>286.6</b>                        | <b>The State — Con.</b> |                          |                                     |
| Abington, . . . . .     | 23                       | 278.2                               | CHELSEA, . . . . .      | 123                      | 289.9                               |
| Acton, . . . . .        | 12                       | 288.7                               | Chester, . . . . .      | 9                        | 280.1                               |
| Adams, . . . . .        | 35                       | 290.3                               | CHICOPPE, . . . . .     | 63                       | 277.2                               |
| Amesbury, . . . . .     | 50                       | 276.8                               | Clinton, . . . . .      | 36                       | 279.4                               |
| Amherst, . . . . .      | 21                       | 289.2                               | Concord, . . . . .      | 6                        | 301.6                               |
| Andover, . . . . .      | 13                       | 286.5                               | Dalton, . . . . .       | 10                       | 269.6                               |
| Arlington, . . . . .    | 19                       | 307.2                               | Danvers, . . . . .      | 37                       | 267.2                               |
| Ashburnham, . . . . .   | 12                       | 218.8                               | Dedham, . . . . .       | 15                       | 308.5                               |
| Athol, . . . . .        | 42                       | 261.4                               | Deerfield, . . . . .    | 9                        | 235.2                               |
| Attleborough, . . . . . | 151                      | 273.4                               | Dighton, . . . . .      | 10                       | 242.1                               |
| Ayer, . . . . .         | 14                       | 273.7                               | Douglas, . . . . .      | 11                       | 195.8                               |
| Barnstable, . . . . .   | 15                       | 263.5                               | Dudley, . . . . .       | 10                       | 242.9                               |
| Barre, . . . . .        | 9                        | 242.8                               | Easthampton, . . . . .  | 25                       | 263.6                               |
| Becket, . . . . .       | 8                        | 287.3                               | Easton, . . . . .       | 10                       | 279.7                               |
| Belmont, . . . . .      | 9                        | 308.7                               | Erving, . . . . .       | 6                        | 225.8                               |
| BEVERLY, . . . . .      | 67                       | 282.4                               | Essex, . . . . .        | 6                        | 219.0                               |
| Billerica, . . . . .    | 10                       | 246.7                               | EVERETT, . . . . .      | 55                       | 294.0                               |
| BOSTON, . . . . .       | 3,138                    | 292.8                               | FALL RIVER, . . . . .   | 315                      | 284.3                               |
| Braintree, . . . . .    | 18                       | 278.3                               | FITCHBURG, . . . . .    | 137                      | 284.2                               |
| Bridgewater, . . . . .  | 21                       | 249.5                               | Foxborough, . . . . .   | 15                       | 250.5                               |
| BROCKTON, . . . . .     | 243                      | 285.2                               | Frammingham, . . . . .  | 49                       | 289.1                               |
| Brookfield, . . . . .   | 4                        | 284.7                               | Franklin, . . . . .     | 27                       | 273.4                               |
| Brookline, . . . . .    | 21                       | 290.0                               | Gardner, . . . . .      | 64                       | 296.8                               |
| CAMBRIDGE, . . . . .    | 316                      | 290.4                               | Georgetown, . . . . .   | 7                        | 252.3                               |
| Canton, . . . . .       | 18                       | 280.9                               | GLOUCESTER, . . . . .   | 87                       | 290.1                               |

TABLE V. DAYS IN OPERATION — Concluded.

## B. THE STATE: BY CITIES AND TOWNS — Concluded.

| CITIES AND TOWNS.             | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.           | Number of Establishments | Average Number of Days in Operation |
|-------------------------------|--------------------------|-------------------------------------|-----------------------------|--------------------------|-------------------------------------|
| <b>The State — Con.</b>       |                          |                                     | <b>The State — Con.</b>     |                          |                                     |
| Grafton, . . . . .            | 14                       | 264.6                               | Palmer, . . . . .           | 25                       | 286.2                               |
| Great Barrington, . . . . .   | 21                       | 260.4                               | Peabody, . . . . .          | 77                       | 290.3                               |
| Greenfield, . . . . .         | 50                       | 260.4                               | Pepperell, . . . . .        | 12                       | 261.0                               |
| Hanover, . . . . .            | 8                        | 219.0                               | Pittsfield, . . . . .       | 84                       | 285.6                               |
| Hanson, . . . . .             | 8                        | 205.1                               | Plainville, . . . . .       | 6                        | 283.2                               |
| HAVERHILL, . . . . .          | 398                      | 283.7                               | Plymouth, . . . . .         | 37                       | 295.7                               |
| Hingham, . . . . .            | 8                        | 266.6                               | QUINCY, . . . . .           | 177                      | 273.1                               |
| HOLYOKE, . . . . .            | 222                      | 282.9                               | Randolph, . . . . .         | 10                       | 290.0                               |
| Hudson, . . . . .             | 32                       | 286.8                               | Reading, . . . . .          | 18                       | 279.7                               |
| Kingston, . . . . .           | 12                       | 284.3                               | Revere, . . . . .           | 27                       | 208.7                               |
| LAWRENCE, . . . . .           | 221                      | 300.0                               | Rockland, . . . . .         | 21                       | 283.9                               |
| Lee, . . . . .                | 22                       | 235.4                               | Rockport, . . . . .         | 15                       | 232.7                               |
| Leicester, . . . . .          | 10                       | 266.3                               | Rowley, . . . . .           | 8                        | 260.3                               |
| Leominster, . . . . .         | 89                       | 279.3                               | SALEM, . . . . .            | 178                      | 262.3                               |
| Lexington, . . . . .          | 11                       | 279.1                               | Saugus, . . . . .           | 12                       | 265.9                               |
| LOWELL, . . . . .             | 300                      | 288.4                               | Shelburne, . . . . .        | 9                        | 227.9                               |
| LYNN, . . . . .               | 429                      | 289.6                               | Shirley, . . . . .          | 8                        | 186.3                               |
| MALDEN, . . . . .             | 92                       | 290.5                               | SOMERVILLE, . . . . .       | 144                      | 295.6                               |
| Manchester, . . . . .         | 9                        | 291.7                               | South Hadley, . . . . .     | 13                       | 300.1                               |
| Mansfield, . . . . .          | 21                       | 242.3                               | Southbridge, . . . . .      | 35                       | 297.0                               |
| Marblehead, . . . . .         | 27                       | 258.1                               | Spencer, . . . . .          | 18                       | 275.8                               |
| MARLBOROUGH, . . . . .        | 42                       | 282.2                               | SPRINGFIELD, . . . . .      | 395                      | 295.4                               |
| MEDFORD, . . . . .            | 54                       | 287.4                               | Stoneham, . . . . .         | 23                       | 279.0                               |
| Medway, . . . . .             | 11                       | 303.1                               | Stoughton, . . . . .        | 21                       | 283.3                               |
| MELROSE, . . . . .            | 26                       | 280.8                               | Swampscott, . . . . .       | 7                        | 300.7                               |
| Merrimac, . . . . .           | 8                        | 274.1                               | TAUNTON, . . . . .          | 115                      | 279.0                               |
| Methuen, . . . . .            | 25                       | 285.9                               | Templeton, . . . . .        | 19                       | 245.5                               |
| Middleborough, . . . . .      | 35                       | 240.6                               | Townsend, . . . . .         | 8                        | 281.7                               |
| Milford, . . . . .            | 59                       | 268.8                               | Uxbridge, . . . . .         | 16                       | 258.7                               |
| Millbury, . . . . .           | 27                       | 272.3                               | Wakefield, . . . . .        | 22                       | 288.9                               |
| Milton, . . . . .             | 6                        | 260.3                               | Walpole, . . . . .          | 16                       | 302.3                               |
| Monson, . . . . .             | 9                        | 262.0                               | WALTHAM, . . . . .          | 88                       | 292.9                               |
| Montague, . . . . .           | 21                       | 249.7                               | Ware, . . . . .             | 22                       | 280.0                               |
| Natick, . . . . .             | 28                       | 283.2                               | Wareham, . . . . .          | 18                       | 211.0                               |
| Needham, . . . . .            | 24                       | 288.0                               | Warren, . . . . .           | 9                        | 277.6                               |
| NEW BEDFORD, . . . . .        | 223                      | 264.9                               | Watertown, . . . . .        | 30                       | 281.7                               |
| NEWBURYPORT, . . . . .        | 54                       | 288.8                               | Wellesley, . . . . .        | 10                       | 300.8                               |
| NEWTON, . . . . .             | 58                       | 288.7                               | West Springfield, . . . . . | 29                       | 279.0                               |
| NORTH ADAMS, . . . . .        | 70                       | 301.2                               | West Stockbridge, . . . . . | 10                       | 258.8                               |
| North Andover, . . . . .      | 8                        | 271.0                               | Westborough, . . . . .      | 17                       | 249.9                               |
| North Attleborough, . . . . . | 74                       | 268.5                               | Westfield, . . . . .        | 100                      | 296.1                               |
| North Brookfield, . . . . .   | 9                        | 262.0                               | Westford, . . . . .         | 17                       | 217.4                               |
| North Reading, . . . . .      | 6                        | 303.5                               | Weymouth, . . . . .         | 40                       | 271.9                               |
| NORTHAMPTON, . . . . .        | 75                       | 292.8                               | Whitman, . . . . .          | 24                       | 277.8                               |
| Northborough, . . . . .       | 6                        | 226.6                               | Williamsburg, . . . . .     | 12                       | 243.2                               |
| Northbridge, . . . . .        | 19                       | 253.0                               | Winchendon, . . . . .       | 28                       | 294.2                               |
| Norton, . . . . .             | 6                        | 223.5                               | Winchester, . . . . .       | 19                       | 275.7                               |
| Norwood, . . . . .            | 25                       | 269.7                               | Winthrop, . . . . .         | 10                       | 307.9                               |
| Orange, . . . . .             | 21                       | 280.2                               | WOBURN, . . . . .           | 57                       | 289.6                               |
| Oxford, . . . . .             | 12                       | 289.2                               | WORCESTER, . . . . .        | 606                      | 287.0                               |



TABLE VI. *Power Used in Manufactures in Massachusetts — 1899-1914.*

| Power.   | NUMBER OF ENGINES OR MOTORS |        |                |                   | HORSEPOWER |           |         |                   |
|--|-----------------------------|--------|----------------|-------------------|------------|-----------|---------|-------------------|
|  | 1914                        | 1909   | 1904           | 1899 <sup>1</sup> | 1914       | 1909      | 1904    | 1899 <sup>1</sup> |
| Primary power, total.                                |                             |        |                |                   |            |           |         |                   |
| Owned, . . . . .                                     | -                           | -      | -              | -                 | 1,394,723  | 1,175,971 | 939,997 | 796,961           |
| Steam, . . . . .                                     | 7,205                       | 8,485  | 8,449          | 8,906             | 1,190,573  | 1,040,438 | 885,869 | 764,067           |
| Gas, . . . . .                                       | 4,893                       | 5,784  | 5,885          | 6,439             | 970,506    | 833,701   | 680,467 | 578,525           |
| Water wheels, . . . . .                              | 770                         | 896    | 654            | 468               | 30,242     | 18,326    | 7,487   | 4,074             |
| Water motors, . . . . .                              | 1,480                       | 1,760  | 1,868          | 2,089             | 188,917    | 185,966   | 183,135 | 181,907           |
| Other, . . . . .                                     | 62                          | 55     | 72             | - <sup>2</sup>    | 908        | 520       | 292     | - <sup>2</sup>    |
| Rented, . . . . .                                    | -                           | -      | -              | -                 | -          | 1,896     | 3,898   | 1,561             |
| Electric, . . . . .                                  | 26,412                      | 10,794 | - <sup>2</sup> | - <sup>2</sup>    | 216,149    | 134,633   | 52,638  | 31,994            |
| Other, . . . . .                                     | 26,412                      | 10,794 | - <sup>2</sup> | - <sup>2</sup>    | 200,339    | 109,966   | 27,073  | 13,409            |
| Electric motors, . . . . .                           | -                           | -      | -              | -                 | 16,810     | 24,637    | 25,545  | 18,585            |
| Run by current generated by establishment, . . . . . | 66,927                      | 20,344 | 3,697          | 823               | 582,971    | 403,462   | 91,012  | 32,828            |
| Run by rented power, . . . . .                       | 30,515                      | 18,560 | 3,697          | 823               | 382,632    | 292,496   | 63,989  | 19,419            |
|  | 26,412                      | 10,794 | - <sup>2</sup> | - <sup>2</sup>    | 200,339    | 109,966   | 27,073  | 13,409            |

<sup>1</sup> Includes the hand trades and neighborhood industries, omitted in 1904, 1909, and 1914.<sup>2</sup> Not reported.

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# LAUNDRIES.

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[ 109 ]



|                       |      |    |     |    |    |     |     |         |        |         |        |         |
|-----------------------|------|----|-----|----|----|-----|-----|---------|--------|---------|--------|---------|
| EVERETT, . . . . .    | 1914 | 3  | 87  | 2  | 9  | 76  | 73  | 31,733  | 12,132 | 27,003  | 15,009 | 83,343  |
| FALL RIVER, . . . . . | 1914 | 13 | 278 | 16 | 12 | 260 | 331 | 263,308 | 10,261 | 137,090 | 63,111 | 302,077 |
|                       | 1909 | 10 | 219 | 13 | 16 | 190 | 413 | 196,243 | 9,743  | 97,632  | 36,476 | 216,838 |
| FITCHBURG, . . . . .  | 1914 | 5  | 93  | 7  | 3  | 83  | 111 | 37,198  | 1,024  | 26,532  | 12,861 | 68,323  |
|                       | 1909 | 4  | 68  | 6  | -  | 62  | 88  | 17,311  | -      | 25,197  | 6,290  | 52,096  |
| HAVENHILL, . . . . .  | 1914 | 16 | 205 | 25 | 9  | 171 | 315 | 65,660  | 7,155  | 82,007  | 23,123 | 180,000 |
|                       | 1909 | 6  | 97  | 8  | 2  | 87  | 55  | 23,320  | 1,068  | 40,940  | 10,460 | 86,024  |
| HOLYOKE, . . . . .    | 1914 | 5  | 83  | 11 | 3  | 68  | 135 | 88,080  | 2,300  | 36,312  | 16,943 | 96,481  |
|                       | 1909 | 4  | 86  | 6  | 2  | 78  | 93  | 72,610  | 1,716  | 39,860  | 19,605 | 82,800  |
| LAWRENCE, . . . . .   | 1914 | 11 | 144 | 13 | 8  | 123 | 203 | 64,900  | 6,630  | 58,504  | 23,535 | 132,377 |
|                       | 1909 | 9  | 81  | 12 | 1  | 68  | 129 | 40,220  | 364    | 26,024  | 10,679 | 66,405  |
| LEOMINSTER, . . . . . | 1914 | 3  | 40  | 3  | 2  | 25  | 43  | 13,335  | 884    | 14,395  | 3,578  | 32,500  |
| LOWELL, . . . . .     | 1914 | 9  | 233 | 10 | 6  | 217 | 328 | 66,955  | 4,766  | 94,742  | 33,810 | 199,247 |
|                       | 1909 | 9  | 207 | 11 | 8  | 188 | 145 | 54,814  | 3,512  | 80,577  | 30,974 | 170,068 |
| LYNN, . . . . .       | 1914 | 16 | 399 | 16 | 35 | 348 | 443 | 257,228 | 26,782 | 151,526 | 44,967 | 333,033 |
|                       | 1909 | 10 | 297 | 11 | 16 | 270 | 229 | 107,574 | 12,312 | 118,929 | 45,172 | 276,314 |
| MALDEN, . . . . .     | 1914 | 4  | 139 | 3  | 14 | 123 | 170 | 43,549  | 13,174 | 54,000  | 26,299 | 119,637 |
|                       | 1909 | 3  | 91  | 2  | 7  | 82  | 60  | 14,000  | 4,992  | 42,349  | 5,274  | 64,968  |
| MELROSE, . . . . .    | 1914 | 3  | 22  | 5  | -  | 17  | 34  | 9,860   | -      | 9,187   | 4,874  | 25,906  |

TABLE VII. — *Summary of Statistics for Steam Laundries: 1909 and 1914 — Concluded.*

| CITIES AND TOWNS.       | Census<br>Year | Number<br>of Es-<br>tablish-<br>ments | PERSONS ENGAGED IN THE INDUSTRY |   |                            |  | Primary<br>Horse-<br>power | Capital  | Salaries | Wages    | Cost of<br>Materials | Amount<br>Received<br>for Work<br>Done |
|-------------------------|----------------|---------------------------------------|---------------------------------|---|----------------------------|--|----------------------------|----------|----------|----------|----------------------|--|
|                         |                |                                       | Total                           | Proprie-<br>tors and<br>Firm<br>Members | Salaries<br>Em-<br>ployees | Wage<br>Earners<br>(Average<br>Number) |                            |          |          |          |                      |  |
| Methuen, . . . . .      | 1914           | 3                                     | 56                              | 1                                       | 4                          | 51                                     | 56                         | \$14,643 | \$2,322  | \$22,834 | \$4,167              | \$36,651                               |
| Natick, . . . . .       | 1914           | 3                                     | 28                              | 4                                       | -                          | 24                                     | 33                         | 19,050   | -        | 11,363   | 3,690                | 27,400                                 |
| NEW BEDFORD, . . . . .  | 1914           | 13                                    | 257                             | 14                                      | 14                         | 229                                    | 559                        | 142,976  | 11,519   | 126,809  | 47,846               | 284,490                                |
|                         | 1909           | 10                                    | 193                             | 12                                      | 1                          | 180                                    | 266                        | 76,374   | 2,115    | 86,740   | 27,399               | 175,172                                |
| NEWBURGHPORT, . . . . . | 1914           | 5                                     | 47                              | 5                                       | 4                          | 38                                     | 91                         | 17,340   | 2,662    | 17,390   | 8,385                | 41,960                                 |
|                         | 1909           | 3                                     | 28                              | 3                                       | -                          | 25                                     | 27                         | 10,761   | -        | 10,021   | 3,213                | 25,253                                 |
| NORTH ADAMS, . . . . .  | 1914           | 4                                     | 75                              | 5                                       | 5                          | 65                                     | 105                        | 41,103   | 4,836    | 29,240   | 11,240               | 62,266                                 |
|                         | 1914           | 4                                     | 57                              | 4                                       | -                          | 53                                     | 172                        | 16,018   | -        | 22,390   | 7,320                | 50,724                                 |
| NORTHAMPTON, . . . . .  | 1909           | 3                                     | 42                              | 3                                       | -                          | 39                                     | 25                         | 15,657   | -        | 15,281   | 6,320                | 31,551                                 |
|                         | 1914           | 3                                     | 57                              | 2                                       | 4                          | 51                                     | 53                         | 37,016   | 3,995    | 27,041   | 8,757                | 52,764                                 |
| QUINCY, . . . . .       | 1914           | 7                                     | 85                              | 5                                       | 11                         | 69                                     | 214                        | 51,730   | 11,120   | 84,668   | 14,965               | 86,516                                 |
|                         | 1909           | 4                                     | 52                              | 4                                       | 8                          | 40                                     | 87                         | 26,823   | 6,948    | 20,666   | 11,890               | 54,398                                 |
| SALEM, . . . . .        | 1914           | 5                                     | 166                             | 4                                       | 10                         | 152                                    | 148                        | 62,398   | 13,245   | 82,714   | 22,535               | 176,535                                |
|                         | 1909           | 3                                     | 160                             | 2                                       | 9                          | 149                                    | 95                         | 31,726   | 9,652    | 60,614   | 16,598               | 152,212                                |

|                                   |      |     |       |     |     |       |       |         |        |         |         |           |
|-----------------------------------|------|-----|-------|-----|-----|-------|-------|---------|--------|---------|---------|-----------|
| SOMERVILLE, . . . . .             | 1914 | 5   | 76    | 5   | 4   | 66    | 122   | 19,916  | 7,252  | 40,894  | 19,908  | 96,781    |
|                                   | 1909 | 5   | 68    | 2   | 7   | 59    | 121   | 32,415  | 6,706  | 26,977  | 8,832   | 64,876    |
| SPRINGFIELD, . . . . .            | 1914 | 13  | 414   | 9   | 47  | 358   | 313   | 273,335 | 48,043 | 182,159 | 57,399  | 421,202   |
|                                   | 1909 | 12  | 287   | 11  | 24  | 252   | 253   | 162,068 | 25,500 | 97,406  | 36,803  | 284,732   |
| TAUNTON, . . . . .                | 1914 | 5   | 108   | 8   | 5   | 95    | 160   | 58,325  | 3,701  | 47,319  | 27,962  | 103,066   |
|                                   | 1909 | 5   | 108   | 10  | 6   | 92    | 142   | 42,775  | 3,068  | 34,508  | 13,238  | 72,216    |
| WALTHAM, . . . . .                | 1914 | 3   | 116   | 1   | 15  | 100   | 102   | 27,501  | 12,938 | 51,726  | 12,475  | 112,399   |
|                                   | 1909 | 3   | 90    | 3   | 12  | 76    | 102   | 34,422  | 6,687  | 31,536  | 10,416  | 73,708    |
| Watertown, . . . . .              | 1914 | 4   | 283   | 2   | 9   | 272   | 127   | 87,091  | 7,890  | 147,265 | 44,829  | 270,686   |
| WORCESTER, . . . . .              | 1914 | 11  | 403   | 8   | 37  | 268   | 444   | 254,079 | 36,272 | 184,063 | 84,786  | 416,276   |
|                                   | 1909 | 13  | 387   | 10  | 20  | 357   | 378   | 174,255 | 21,478 | 144,116 | 59,656  | 316,215   |
| Other cities and towns, . . . . . | 1914 | 130 | 1,622 | 143 | 108 | 1,371 | 2,408 | 926,943 | 96,362 | 632,543 | 287,359 | 1,532,786 |
|                                   | 1909 | 96  | 1,522 | 113 | 86  | 1,324 | 1,723 | 681,045 | 66,562 | 588,174 | 190,904 | 1,264,083 |



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**The Commonwealth of Massachusetts**

**BUREAU OF STATISTICS**

CHARLES F. GETTEMY, Director

**THIRTIETH ANNUAL REPORT**

ON THE

**STATISTICS OF MANUFACTURES**

FOR THE YEAR

**1915**



**BOSTON**  
**WRIGHT & POTTER PRINTING COMPANY**  
**STATE PRINTERS**  
**1917**



# ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

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The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Public Employment Offices Division*, embracing the administration of the State Public Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

**The Commonwealth of Massachusetts**

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**THIRTIETH ANNUAL REPORT**

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BY THE

DIRECTOR OF THE BUREAU OF STATISTICS

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# The Commonwealth of Massachusetts

## BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.





# STATISTICS OF MANUFACTURES—1915.

## INTRODUCTION.

The report for 1915, thirtieth in the series on the Statistics of Manufactures, has been compiled from the returns filed by 9,707 establishments, and includes a new feature, namely, data relating to exports covering 1,649 establishments. In the manufacturing world, the year 1915, so far as Massachusetts is concerned, was exceptionally quiet. Although the total product value reported for the twelve months of that year amounted to \$1,692,445,366, exceeding the aggregate for 1914 by over 51 millions of dollars, Massachusetts industries, in general, were still seriously affected by the period of depression which, overlapping from the previous year, showed no evidence of abatement over an eight-months interval into 1915. The month of September, 1915, had nearly passed before the current of reviving business began to make itself apparent. Stimulus came principally in the form of war orders for shoes, cloth for uniforms, for saddlery and military equipment, and, more than anything else, for special machinery to be used in further stages of production. This wholly external influence arrived so late in the year, however, that it tended only to restore the balance registered in normal years, as is seen from a comparison of the aggregates for 1913 and 1915, respectively, which are brought together with the other years since 1907 in the following table for All Industries:

| YEARS.                       | Number of Establishments | Value of Product | Value of Stock and Materials Used | Wages Paid    | Average Number of Wage-Earners |
|------------------------------|--------------------------|------------------|-----------------------------------|---------------|--------------------------------|
| 1907, . . . . .              | 5,671                    | \$1,364,431,255  | \$779,840,958                     | \$278,191,113 | 539,982                        |
| 1908, . . . . .              | 6,044                    | 1,172,808,782    | 669,259,789                       | 245,207,180   | 480,134                        |
| 1909, <sup>1</sup> . . . . . | 11,684                   | 1,490,529,388    | 830,764,943                       | 301,173,464   | 584,559                        |
| 1910, . . . . .              | 7,989                    | 1,465,749,310    | 833,381,836                       | 304,852,691   | 578,551                        |
| 1911, . . . . .              | 8,133                    | 1,467,961,803    | 833,050,379                       | 311,148,856   | 584,033                        |
| 1912, . . . . .              | 8,271                    | 1,590,734,445    | 929,304,832                       | 335,553,704   | 608,590                        |
| 1913, . . . . .              | 8,405                    | 1,658,728,363    | 941,778,476                       | 351,299,706   | 616,927                        |
| 1914, <sup>1</sup> . . . . . | 12,013                   | 1,641,373,047    | 931,383,793                       | 341,309,517   | 606,698                        |
| 1915, . . . . .              | 9,707 <sup>2</sup>       | 1,692,445,366    | 959,662,457                       | 346,243,472   | 596,348                        |

<sup>1</sup> Census year; not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, 1913, and 1915.

<sup>2</sup> The smaller number of returns in 1915 as compared with the Census year 1914 is due principally to the elimination of the following classes of establishments: Those employing no wage-earners; country saw and gristmills; and publishing establishments which do no printing.

General conditions were so unsettled that equilibrium in our *principal* industries was maintained only through great effort,

manufacturers having to use their utmost exertions in order to keep their factories going. The product for *Boots and shoes* for 1915, \$204,042,623, represented a gain of only about two per cent as compared with the total for 1914. The average of employment, while running higher in particular localities and establishments devoted to the manufacture of army shoes, was, for the industry as a whole, generally lower than during the preceding year, the average number of wage earners for 1915 being 74,548 as against 76,944 in 1914.

In *Cotton goods*, including Cotton small wares the particular feature of the year was the decreased cost of stock used, raw cotton being obtainable at record low price on account of the lessened demand for this material for export to foreign countries, leaving a surplus supply in the domestic market. Accompanying this decrease in cost of materials, however, will be noted the increase in the amount paid for labor, so that while the average number of wage earners in the industry remained practically stationary, 113,559, and 113,223 in 1914 and 1915, respectively, the total pay roll for the year 1915 exceeded that of 1914 by \$1,689,667, or 3.3 per cent. The value of output in 1915 was \$197,594,533 as against \$197,322,111 in 1914.

Conditions in *Electrical machinery, apparatus, and supplies* in 1915 were not widely different from those of 1914, a gain in number of wage earners of 1.3 per cent, an increase of 8.8 per cent in the amount paid in wages, and a slight decline in value of product from \$43,869,294 to \$43,335,337 appearing.

*Foundry and machine-shop products*, on the other hand, exhibits a complete reversal of conditions as compared with 1914. For nearly a decade this industry has been practically stationary in Massachusetts, but the product value which in 1914 registered \$85,638,612, rose to \$103,960,727 in 1915, an increase of over \$18,000,000 or 21.4 per cent. This, the record year in its history, witnesses the advance of the industry to a new level, namely a product value in excess of \$100,000,000, which distinction has hitherto been held only by Boots and shoes and the textile industries, — Cotton goods, including Cotton small wares; and Woolen and worsted goods. There was an increase of 4,279 or 10.3 per cent in the average number of wage earners, while wages were augmented by \$4,770,445, or 17 per cent.

In *Leather, tanned, curried, and finished* the average number of wage earners was practically identical with 1914; the total paid in wages advanced 1.1 per cent, and the value of goods exhibited slight increase, from \$45,265,434 in 1914 to \$45,383,398 in 1915. It should be stated, however, that the product in this industry in Massachusetts is in reality larger than these figures indicate, since the totals given for cost of materials and value of product do not include the value of hides and skins treated under contract, *i.e.*, tanned or finished for other parties who supplied the stock, — for the reason that, in such cases, the chief materials, hides and skins, are not owned by the firm directly engaged in doing the work. The value of these materials, if added, would result in increasing both stock and product by approximately \$10,000,000.

In *Paper and wood pulp* the value of goods produced was practically the same as in 1914, the totals being \$43,352,545 and \$44,060,579, respectively, the increase in 1915 amounting to 1.6 per cent. A decrease in cost of stock and materials is noted, and the average number of wage earners fell off from 13,401 to 13,147, a decline of 1.9 per cent.

*Slaughtering and meat packing* exhibits a decline of \$4,868,268, or 8.9 per cent in product value as compared with 1914, and a corresponding decline in cost of materials amounting to 5.8 per cent. A decline in average number of wage earners from 3,582 in 1914 to 3,473 is noted, accompanied by an increase in the total amount paid in wages of 2.4 per cent in 1915.

In *Woolen and worsted goods*, including Felt goods, the value of product reported, \$143,628,515, was the highest in the history of the industry. The gain, however, is more apparent than real, and is due mainly to the advance in price of raw wool — and its consequent reflection in the value of goods produced — accelerated by the cutting off of a large part of the supply of Australian wools and greater dependence on the wools of South America. The increase in the cost of materials for the year 1915 was \$7,003,006, or 8.4 per cent as compared with 1914. The total amount paid in wages, and the average number of wage earners in the industry show slight decline, namely, from \$27,363,082 to \$26,367,140 and from 54,255 to 53,268, respectively.

The totals for eight leading industries, brought up to date, appear in the following tables:



**Boots and Shoes (exclusive of Cut Stock and Findings).****(a) Product.**

| YEAR.                               | Value         | Increase                  | Per Cent of Increase |
|-------------------------------------|---------------|---------------------------|----------------------|
| 1907.                               | \$188,127,176 | -                         | -                    |
| 1908.                               | 169,957,116   | \$18,170,060 <sup>1</sup> | 9.7 <sup>1</sup>     |
| 1909.                               | 187,045,767   | 17,088,651                | 10.1                 |
| 1910.                               | 190,856,515   | 3,810,748                 | 2.0                  |
| 1911.                               | 196,896,074   | 6,041,559                 | 3.2                  |
| 1912.                               | 209,489,087   | 12,590,993                | 6.4                  |
| 1913.                               | 216,667,911   | 7,178,824                 | 3.4                  |
| 1914.                               | 200,529,858   | 16,138,053 <sup>1</sup>   | 7.4 <sup>1</sup>     |
| 1915.                               | 204,042,623   | 3,512,765                 | 1.8                  |
| Increase for the eight-year period, | -             | 15,915,447                | 8.5                  |

**(b) Stock and Materials.**

| YEAR.                               | Value         | Increase                  | Per Cent of Increase |
|-------------------------------------|---------------|---------------------------|----------------------|
| 1907.                               | \$118,399,291 | -                         | -                    |
| 1908.                               | 104,171,604   | \$14,227,687 <sup>1</sup> | 12.0 <sup>1</sup>    |
| 1909.                               | 114,277,189   | 10,105,585                | 9.7                  |
| 1910.                               | 115,624,486   | 1,347,297                 | 1.2                  |
| 1911.                               | 119,230,298   | 3,705,812                 | 3.2                  |
| 1912.                               | 125,659,535   | 6,239,237                 | 5.3                  |
| 1913.                               | 130,961,171   | 5,301,536                 | 4.2                  |
| 1914.                               | 126,325,680   | 10,635,491 <sup>1</sup>   | 8.1 <sup>1</sup>     |
| 1915.                               | 123,977,758   | 3,652,078                 | 3.0                  |
| Increase for the eight-year period, | -             | 5,578,467                 | 4.7                  |

**(c) Wages Paid.**

| YEAR.                               | Value        | Increase                 | Per Cent of Increase |
|-------------------------------------|--------------|--------------------------|----------------------|
| 1907.                               | \$42,025,242 | -                        | -                    |
| 1908.                               | 38,969,428   | \$3,055,814 <sup>1</sup> | 7.3 <sup>1</sup>     |
| 1909.                               | 41,970,496   | 3,011,070                | 7.7                  |
| 1910.                               | 45,171,454   | 3,200,956                | 7.6                  |
| 1911.                               | 47,259,721   | 2,088,267                | 4.6                  |
| 1912.                               | 49,596,284   | 2,336,563                | 4.9                  |
| 1913.                               | 50,770,185   | 1,173,901                | 2.4                  |
| 1914.                               | 46,743,858   | 4,026,327 <sup>1</sup>   | 7.9 <sup>1</sup>     |
| 1915.                               | 45,325,273   | 1,418,585 <sup>1</sup>   | 3.0 <sup>1</sup>     |
| Increase for the eight-year period, | -            | 3,300,081                | 7.9                  |

**(d) Wage-Earners.**

| YEAR.                               | Number | Increase           | Per Cent of Increase |
|-------------------------------------|--------|--------------------|----------------------|
| 1907.                               | 73,671 | -                  | -                    |
| 1908.                               | 69,250 | 3,421 <sup>1</sup> | 4.7 <sup>1</sup>     |
| 1909.                               | 74,710 | 5,460              | 7.9                  |
| 1910.                               | 77,000 | 2,290              | 3.1                  |
| 1911.                               | 79,542 | 2,542              | 3.2                  |
| 1912.                               | 81,962 | 2,420              | 3.0                  |
| 1913.                               | 81,238 | 724 <sup>1</sup>   | 0.9 <sup>1</sup>     |
| 1914.                               | 76,944 | 4,284 <sup>1</sup> | 5.3 <sup>1</sup>     |
| 1915.                               | 74,548 | 2,396 <sup>1</sup> | 3.1 <sup>1</sup>     |
| Increase for the eight-year period, | -      | 1,877              | 2.6                  |

<sup>1</sup> Decrease.

**Cotton Goods (including Cotton Small Wares).***(a) Product.*

| YEAR.   | Value         | Increase                  | Per Cent of Increase |
|---|---------------|---------------------------|----------------------|
| 1907, . . . . .                               | \$190,148,422 | -                         | -                    |
| 1908, . . . . .                               | 186,048,533   | \$34,099,889 <sup>1</sup> | 17.9 <sup>1</sup>    |
| 1909, . . . . .                               | 186,462,813   | 30,413,790                | 19.5                 |
| 1910, . . . . .                               | 192,777,722   | 6,315,409                 | 3.4                  |
| 1911, . . . . .                               | 183,131,235   | 9,656,487 <sup>1</sup>    | 5.0 <sup>1</sup>     |
| 1912, . . . . .                               | 189,010,823   | 5,889,588                 | 3.2                  |
| 1913, . . . . .                               | 211,985,230   | 22,974,397                | 12.2                 |
| 1914, . . . . .                               | 197,822,111   | 14,663,109 <sup>1</sup>   | 6.9 <sup>1</sup>     |
| 1915, . . . . .                               | 197,594,533   | 272,422                   | 0.1                  |
| Increase for the eight-year period, . . . . . | -             | 7,446,111                 | 3.9                  |

*(b) Stock and Materials.*

| YEAR.   | Value         | Increase                  | Per Cent of Increase |
|---|---------------|---------------------------|----------------------|
| 1907, . . . . .                               | \$108,499,020 | -                         | -                    |
| 1908, . . . . .                               | 92,961,308    | \$12,547,721 <sup>1</sup> | 11.9 <sup>1</sup>    |
| 1909, . . . . .                               | 108,154,794   | 12,306,486                | 13.1                 |
| 1910, . . . . .                               | 121,880,780   | 16,723,986                | 15.9                 |
| 1911, . . . . .                               | 119,879,589   | 2,001,191 <sup>1</sup>    | 1.6 <sup>1</sup>     |
| 1912, . . . . .                               | 115,079,451   | 4,800,138 <sup>1</sup>    | 4.0 <sup>1</sup>     |
| 1913, . . . . .                               | 128,604,514   | 13,525,063                | 11.8                 |
| 1914, . . . . .                               | 119,834,334   | 8,770,180 <sup>1</sup>    | 6.8 <sup>1</sup>     |
| 1915, . . . . .                               | 110,090,790   | 9,743,544 <sup>1</sup>    | 8.1 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | -             | 4,591,761                 | 4.4                  |

*(c) Wages Paid.*

| YEAR.   | Value        | Increase                 | Per Cent of Increase |
|---|--------------|--------------------------|----------------------|
| 1907, . . . . .                               | \$45,063,459 | -                        | -                    |
| 1908, . . . . .                               | 40,228,037   | \$4,835,422 <sup>1</sup> | 10.7 <sup>1</sup>    |
| 1909, . . . . .                               | 45,117,069   | 4,889,032                | 12.2                 |
| 1910, . . . . .                               | 44,867,100   | 259,969 <sup>1</sup>     | 0.6 <sup>1</sup>     |
| 1911, . . . . .                               | 44,744,633   | 112,472 <sup>1</sup>     | 0.3 <sup>1</sup>     |
| 1912, . . . . .                               | 48,943,723   | 4,199,100                | 9.4                  |
| 1913, . . . . .                               | 58,156,512   | 4,212,784                | 8.6                  |
| 1914, . . . . .                               | 50,706,040   | 2,450,472 <sup>1</sup>   | 4.6 <sup>1</sup>     |
| 1915, . . . . .                               | 52,395,707   | 1,689,667                | 3.3                  |
| Increase for the eight-year period, . . . . . | -            | 7,332,248                | 16.3                 |

*(d) Wage-Earners.*

| YEAR.   | Number  | Increase            | Per Cent of Increase |
|---|---------|---------------------|----------------------|
| 1907, . . . . .                               | 101,862 | -                   | -                    |
| 1908, . . . . .                               | 91,645  | 10,217 <sup>1</sup> | 10.0 <sup>1</sup>    |
| 1909, . . . . .                               | 108,914 | 17,269              | 18.8                 |
| 1910, . . . . .                               | 108,804 | 110 <sup>1</sup>    | 0.1 <sup>1</sup>     |
| 1911, . . . . .                               | 109,683 | 879                 | 0.8                  |
| 1912, . . . . .                               | 112,384 | 2,701               | 2.5                  |
| 1913, . . . . .                               | 115,837 | 3,453               | 3.1                  |
| 1914, . . . . .                               | 118,559 | 2,778 <sup>1</sup>  | 2.0 <sup>1</sup>     |
| 1915, . . . . .                               | 113,223 | 336 <sup>1</sup>    | 0.3 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | -       | 11,361              | 11.2                 |

<sup>1</sup> Decrease.

**Electrical Machinery, Apparatus, and Supplies.****(a) Product.**

| YEAR.                               | Value        | Increase                 | Per Cent of Increase |
|-------------------------------------|--------------|--------------------------|----------------------|
| 1907.                               | \$36,692,284 | -                        | -                    |
| 1908.                               | 18,066,968   | \$8,636,216 <sup>1</sup> | 23.3 <sup>1</sup>    |
| 1909.                               | 28,142,889   | 10,076,921               | 55.8                 |
| 1910.                               | 22,036,898   | 3,898,504                | 13.8                 |
| 1911.                               | 26,419,896   | 4,383,002                | 13.7                 |
| 1912.                               | 47,964,036   | 11,545,541               | 31.7                 |
| 1913.                               | 54,433,691   | 6,468,755                | 13.5                 |
| 1914.                               | 43,860,394   | 10,564,397 <sup>1</sup>  | 19.4 <sup>1</sup>    |
| 1915.                               | 43,335,537   | 533,957 <sup>1</sup>     | 1.3 <sup>1</sup>     |
| Increase for the eight-year period, | -            | 16,643,053               | 62.4                 |

**(b) Stock and Materials.**

|                                     |              |                          |                   |
|-------------------------------------|--------------|--------------------------|-------------------|
| 1907.                               | \$11,830,975 | -                        | -                 |
| 1908.                               | 8,569,255    | \$3,261,720 <sup>1</sup> | 37.6 <sup>1</sup> |
| 1909.                               | 12,734,320   | 4,165,565                | 48.6              |
| 1910.                               | 16,352,531   | 3,617,711                | 28.4              |
| 1911.                               | 14,908,562   | 1,448,969 <sup>1</sup>   | 8.9 <sup>1</sup>  |
| 1912.                               | 22,314,896   | 7,411,333                | 49.7              |
| 1913.                               | 25,133,493   | 2,818,596                | 12.6              |
| 1914.                               | 17,606,907   | 7,436,586 <sup>1</sup>   | 39.6 <sup>1</sup> |
| 1915.                               | 18,668,261   | 971,954                  | 5.5               |
| Increase for the eight-year period, | -            | 6,837,886                | 57.8              |

**(c) Wages Paid.**

|                                     |             |                          |                   |
|-------------------------------------|-------------|--------------------------|-------------------|
| 1907.                               | \$7,260,068 | -                        | -                 |
| 1908.                               | 5,884,393   | \$1,375,675 <sup>1</sup> | 18.9 <sup>1</sup> |
| 1909.                               | 8,309,174   | 2,424,781                | 39.5              |
| 1910.                               | 10,421,310  | 2,112,136                | 26.9              |
| 1911.                               | 10,818,142  | 396,832                  | 3.8               |
| 1912.                               | 12,645,826  | 1,827,683                | 16.9              |
| 1913.                               | 14,352,758  | 1,706,933                | 13.5              |
| 1914.                               | 10,651,133  | 3,701,625 <sup>1</sup>   | 25.8 <sup>1</sup> |
| 1915.                               | 11,586,027  | 934,894                  | 8.8               |
| Increase for the eight-year period, | -           | 4,325,950                | 59.6              |

**(d) Wage-Earners.**

| YEAR.                               | Number | Increase           | Per Cent of Increase |
|-------------------------------------|--------|--------------------|----------------------|
| 1907.                               | 13,453 | -                  | -                    |
| 1908.                               | 10,538 | 3,915 <sup>1</sup> | 21.7 <sup>1</sup>    |
| 1909.                               | 14,507 | 3,969              | 37.7                 |
| 1910.                               | 17,363 | 2,856              | 19.7                 |
| 1911.                               | 17,879 | 516                | 3.0                  |
| 1912.                               | 20,817 | 2,938              | 13.6                 |
| 1913.                               | 22,437 | 2,120              | 10.4                 |
| 1914.                               | 17,135 | 5,312 <sup>1</sup> | 23.7 <sup>1</sup>    |
| 1915.                               | 17,342 | 217                | 1.3                  |
| Increase for the eight-year period, | -      | 3,589              | 28.9                 |

<sup>1</sup> Decrease.

**Foundry and Machine-Shop Products.<sup>1</sup>****(a) Product.**

| YEAR.                               | Value        | Increase               | Per Cent of Increase |
|-------------------------------------|--------------|------------------------|----------------------|
| 1907. <sup>2</sup>                  | -            | -                      | -                    |
| 1908.                               | \$63,942,052 | -                      | -                    |
| 1909.                               | 85,925,671   | \$22,983,619           | 35.9                 |
| 1910.                               | 93,780,512   | 6,854,941              | 7.9                  |
| 1911.                               | 84,749,695   | 6,030,917 <sup>3</sup> | 9.6 <sup>3</sup>     |
| 1912.                               | 89,270,280   | 4,520,585              | 5.3                  |
| 1913.                               | 90,948,658   | 1,678,478              | 1.9                  |
| 1914.                               | 85,638,612   | 6,310,071 <sup>3</sup> | 5.8 <sup>3</sup>     |
| 1915.                               | 103,960,727  | 18,322,115             | 21.4                 |
| Increase for the seven-year period, | -            | 46,018,675             | 62.6                 |

**(b) Stock and Materials.**

| YEAR.                               | Value        | Increase               | Per Cent of Increase |
|-------------------------------------|--------------|------------------------|----------------------|
| 1907. <sup>2</sup>                  | -            | -                      | -                    |
| 1908.                               | \$24,172,696 | -                      | -                    |
| 1909.                               | 31,182,000   | \$7,009,304            | 29.0                 |
| 1910.                               | 34,892,189   | 3,710,189              | 11.9                 |
| 1911.                               | 30,689,146   | 4,203,043 <sup>3</sup> | 12.0 <sup>3</sup>    |
| 1912.                               | 33,222,139   | 2,532,993              | 8.3                  |
| 1913.                               | 34,734,309   | 1,512,170              | 4.6                  |
| 1914.                               | 30,989,622   | 3,744,686 <sup>3</sup> | 10.8 <sup>3</sup>    |
| 1915.                               | 39,964,325   | 8,974,703              | 29.0                 |
| Increase for the seven-year period, | -            | 15,791,699             | 65.3                 |

**(c) Wages Paid.**

| YEAR.                               | Value        | Increase               | Per Cent of Increase |
|-------------------------------------|--------------|------------------------|----------------------|
| 1907. <sup>2</sup>                  | -            | -                      | -                    |
| 1908.                               | \$31,092,732 | -                      | -                    |
| 1909.                               | 37,032,000   | \$5,939,268            | 28.2                 |
| 1910.                               | 31,652,768   | 4,620,796              | 17.1                 |
| 1911.                               | 29,195,358   | 2,457,410 <sup>3</sup> | 7.8 <sup>3</sup>     |
| 1912.                               | 30,192,328   | 997,470                | 3.4                  |
| 1913.                               | 31,607,108   | 1,414,780              | 4.7                  |
| 1914.                               | 28,117,771   | 3,489,337 <sup>3</sup> | 11.0 <sup>3</sup>    |
| 1915.                               | 32,888,216   | 4,770,445              | 17.0                 |
| Increase for the seven-year period, | -            | 11,795,494             | 55.9                 |

**(d) Wage-Earners.**

| YEAR.                               | Number | Increase           | Per Cent of Increase |
|-------------------------------------|--------|--------------------|----------------------|
| 1907. <sup>2</sup>                  | -      | -                  | -                    |
| 1908.                               | 35,035 | -                  | -                    |
| 1909.                               | 44,179 | 9,144              | 26.1                 |
| 1910.                               | 49,063 | 4,884              | 11.1                 |
| 1911.                               | 48,004 | 4,069 <sup>3</sup> | 8.3 <sup>3</sup>     |
| 1912.                               | 45,543 | 539                | 1.2                  |
| 1913.                               | 45,814 | 271                | 0.6                  |
| 1914.                               | 41,261 | 4,453 <sup>3</sup> | 9.7 <sup>3</sup>     |
| 1915.                               | 45,640 | 4,379              | 10.3                 |
| Increase for the seven-year period, | -      | 10,605             | 30.3                 |

<sup>1</sup> In accordance with the Census grouping, this industry includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

<sup>2</sup> Comparable figures are not available.

<sup>3</sup> Decrease.

## Leather, Tanned, Curried, and Finished.

(a) *Product.*

| YEAR.   | Value        | Increase                 | Per Cent of Increase |
|---|--------------|--------------------------|----------------------|
| 1907, . . . . .                               | \$46,903,784 | —                        | —                    |
| 1908, . . . . .                               | 41,613,132   | \$5,290,652 <sup>1</sup> | 11.8 <sup>1</sup>    |
| 1909, . . . . .                               | 40,002,079   | 1,611,103 <sup>1</sup>   | 3.9 <sup>1</sup>     |
| 1910, . . . . .                               | 41,544,425   | 1,542,346                | 3.9                  |
| 1911, . . . . .                               | 41,701,686   | 157,261                  | 0.4                  |
| 1912, . . . . .                               | 51,937,780   | 10,236,094               | 24.7                 |
| 1913, . . . . .                               | 46,674,470   | 5,213,310 <sup>1</sup>   | 10.2 <sup>1</sup>    |
| 1914, . . . . .                               | 46,265,484   | 1,409,036 <sup>1</sup>   | 3.0 <sup>1</sup>     |
| 1915, . . . . .                               | 45,333,398   | 117,964                  | 0.3                  |
| Increase for the eight-year period, . . . . . | —            | 1,520,386 <sup>1</sup>   | 3.2 <sup>1</sup>     |

(b) *Stock and Materials.*

| YEAR.   | Value        | Increase                 | Per Cent of Increase |
|---|--------------|--------------------------|----------------------|
| 1907, . . . . .                               | \$34,344,843 | —                        | —                    |
| 1908, . . . . .                               | 29,850,511   | \$4,514,332 <sup>1</sup> | 13.1 <sup>1</sup>    |
| 1909, . . . . .                               | 28,765,508   | 1,085,003 <sup>1</sup>   | 3.6 <sup>1</sup>     |
| 1910, . . . . .                               | 30,346,759   | 1,581,251                | 5.5                  |
| 1911, . . . . .                               | 30,180,966   | 155,803 <sup>1</sup>     | 0.6 <sup>1</sup>     |
| 1912, . . . . .                               | 37,353,493   | 7,192,527                | 23.8                 |
| 1913, . . . . .                               | 34,744,413   | 2,609,080 <sup>1</sup>   | 7.0 <sup>1</sup>     |
| 1914, . . . . .                               | 33,194,061   | 1,550,352 <sup>1</sup>   | 4.5 <sup>1</sup>     |
| 1915, . . . . .                               | 30,130,200   | 3,073,771 <sup>1</sup>   | 9.3 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | —            | 4,244,553 <sup>1</sup>   | 12.4 <sup>1</sup>    |

(c) *Wages Paid.*

| YEAR.   | Value       | Increase               | Per Cent of Increase |
|---|-------------|------------------------|----------------------|
| 1907, . . . . .                               | \$5,394,363 | —                      | —                    |
| 1908, . . . . .                               | 4,959,130   | \$335,243 <sup>1</sup> | 6.2 <sup>1</sup>     |
| 1909, . . . . .                               | 5,443,944   | 484,834                | 9.8                  |
| 1910, . . . . .                               | 5,808,631   | 364,687                | 6.7                  |
| 1911, . . . . .                               | 5,604,360   | 204,271 <sup>1</sup>   | 3.5 <sup>1</sup>     |
| 1912, . . . . .                               | 6,625,375   | 1,021,015              | 18.2                 |
| 1913, . . . . .                               | 6,133,384   | 492,991 <sup>1</sup>   | 7.4 <sup>1</sup>     |
| 1914, . . . . .                               | 5,918,205   | 220,179 <sup>1</sup>   | 3.6 <sup>1</sup>     |
| 1915, . . . . .                               | 5,981,472   | 63,267                 | 1.1                  |
| Increase for the eight-year period, . . . . . | —           | 697,110                | 13.2                 |

(d) *Wage-Earners.*

| YEAR.   | Number | Increase           | Per Cent of Increase |
|---|--------|--------------------|----------------------|
| 1907, . . . . .                               | 10,186 | —                  | —                    |
| 1908, . . . . .                               | 9,237  | 929 <sup>1</sup>   | 9.1 <sup>1</sup>     |
| 1909, . . . . .                               | 10,252 | 1,025              | 11.1                 |
| 1910, . . . . .                               | 10,691 | 439                | 4.3                  |
| 1911, . . . . .                               | 9,903  | 788 <sup>1</sup>   | 7.4 <sup>1</sup>     |
| 1912, . . . . .                               | 11,373 | 1,469              | 14.8                 |
| 1913, . . . . .                               | 10,321 | 1,051 <sup>1</sup> | 9.2 <sup>1</sup>     |
| 1914, . . . . .                               | 10,164 | 157 <sup>1</sup>   | 1.5 <sup>1</sup>     |
| 1915, . . . . .                               | 10,185 | 21                 | 0.2                  |
| Increase for the eight-year period, . . . . . | —      | 29                 | 0.3                  |

<sup>1</sup> Decrease.

**Paper and Wood Pulp.****(a) Product.**

| YEAR.                               | Value        | Increase                  | Per Cent of Increase |
|-------------------------------------|--------------|---------------------------|----------------------|
| 1907.                               | \$42,707,680 | —                         | —                    |
| 1908.                               | 23,087,221   | \$10,620,459 <sup>1</sup> | 24.9 <sup>1</sup>    |
| 1909.                               | 40,096,713   | 8,009,392                 | 25.0                 |
| 1910.                               | 43,020,325   | 2,923,612                 | 7.3                  |
| 1911.                               | 44,961,237   | 1,940,912                 | 4.5                  |
| 1912.                               | 47,228,049   | 2,276,812                 | 5.1                  |
| 1913.                               | 48,402,886   | 1,174,837                 | 2.5                  |
| 1914.                               | 43,352,545   | 5,050,341 <sup>1</sup>    | 10.4 <sup>1</sup>    |
| 1915.                               | 44,060,579   | 708,034                   | 1.6                  |
| Increase for the eight-year period, | —            | 1,352,399                 | 3.2                  |

**(b) Stock and Materials.**

| YEAR.                               | Value        | Increase                 | Per Cent of Increase |
|-------------------------------------|--------------|--------------------------|----------------------|
| 1907.                               | \$23,927,908 | —                        | —                    |
| 1908.                               | 18,093,119   | \$5,834,789 <sup>1</sup> | 24.4 <sup>1</sup>    |
| 1909.                               | 22,349,613   | 4,256,494                | 23.5                 |
| 1910.                               | 25,899,769   | 3,550,156                | 15.8                 |
| 1911.                               | 27,258,974   | 1,359,205                | 5.4                  |
| 1912.                               | 29,000,726   | 1,741,752                | 6.4                  |
| 1913.                               | 29,981,380   | 980,654                  | 3.2                  |
| 1914.                               | 26,610,748   | 3,370,632 <sup>1</sup>   | 11.1 <sup>1</sup>    |
| 1915.                               | 25,758,604   | 852,144 <sup>1</sup>     | 3.2 <sup>1</sup>     |
| Increase for the eight-year period, | —            | 1,820,696                | 7.7                  |

**(c) Wages Paid.**

| YEAR.                               | Value       | Increase                 | Per Cent of Increase |
|-------------------------------------|-------------|--------------------------|----------------------|
| 1907.                               | \$6,785,401 | —                        | —                    |
| 1908.                               | 5,509,968   | \$1,165,433 <sup>1</sup> | 17.3 <sup>1</sup>    |
| 1909.                               | 6,541,636   | 971,668                  | 17.4                 |
| 1910.                               | 6,871,253   | 329,617                  | 5.0                  |
| 1911.                               | 7,109,660   | 238,407                  | 4.3                  |
| 1912.                               | 7,791,973   | 682,313                  | 8.7                  |
| 1913.                               | 8,197,440   | 405,467                  | 5.2                  |
| 1914.                               | 7,548,620   | 648,820 <sup>1</sup>     | 7.9 <sup>1</sup>     |
| 1915.                               | 7,390,568   | 158,052 <sup>1</sup>     | 2.1 <sup>1</sup>     |
| Increase for the eight-year period, | —           | 655,167                  | 9.7                  |

**(d) Wage-Earners.**

| YEAR.                               | Number | Increase           | Per Cent of Increase |
|-------------------------------------|--------|--------------------|----------------------|
| 1907.                               | 12,546 | —                  | —                    |
| 1908.                               | 11,390 | 2,156 <sup>1</sup> | 15.9 <sup>1</sup>    |
| 1909.                               | 12,945 | 1,455              | 12.8                 |
| 1910.                               | 13,352 | 634                | 4.2                  |
| 1911.                               | 13,811 | 429                | 3.2                  |
| 1912.                               | 14,096 | 285                | 2.1                  |
| 1913.                               | 14,352 | 256                | 1.8                  |
| 1914.                               | 13,401 | 951 <sup>1</sup>   | 6.6 <sup>1</sup>     |
| 1915.                               | 13,147 | 254 <sup>1</sup>   | 1.9 <sup>1</sup>     |
| Increase for the eight-year period, | —      | 899 <sup>1</sup>   | 2.9 <sup>1</sup>     |

<sup>1</sup> Decrease.

**Slaughtering and Meat Packing (including Sausage).****(a) Product.**

| YEAR.   | Value        | Increase               | Per Cent of Increase |
|---|--------------|------------------------|----------------------|
| 1907, . . . . .                               | \$24,390,243 | -                      | -                    |
| 1908, . . . . .                               | 24,320,082   | \$70,211 <sup>1</sup>  | 0.3 <sup>1</sup>     |
| 1909, . . . . .                               | 44,402,972   | 10,082,940             | 29.4                 |
| 1910, . . . . .                               | 43,785,331   | 667,591 <sup>1</sup>   | 1.5 <sup>1</sup>     |
| 1911, . . . . .                               | 43,296,246   | 440,125 <sup>1</sup>   | 1.0 <sup>1</sup>     |
| 1912, . . . . .                               | 50,637,311   | 7,342,065              | 17.0                 |
| 1913, . . . . .                               | 53,655,143   | 3,020,832              | 15.8                 |
| 1914, . . . . .                               | 54,448,687   | 4,211,456 <sup>1</sup> | 7.3 <sup>1</sup>     |
| 1915, . . . . .                               | 49,573,419   | 4,865,268 <sup>1</sup> | 8.9 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | -            | 15,188,076             | 44.2                 |

**(b) Stock and Materials.**

| YEAR.   | Value        | Increase               | Per Cent of Increase |
|---|--------------|------------------------|----------------------|
| 1907, . . . . .                               | \$30,826,609 | -                      | -                    |
| 1908, . . . . .                               | 30,643,479   | \$183,120 <sup>1</sup> | 0.6 <sup>1</sup>     |
| 1909, . . . . .                               | 35,886,189   | 5,242,660              | 26.9                 |
| 1910, . . . . .                               | 39,592,311   | 706,172                | 1.8                  |
| 1911, . . . . .                               | 35,673,909   | 918,402 <sup>1</sup>   | 2.3 <sup>1</sup>     |
| 1912, . . . . .                               | 44,644,921   | 5,971,012              | 16.4                 |
| 1913, . . . . .                               | 52,153,044   | 7,518,122              | 16.3                 |
| 1914, . . . . .                               | 47,476,817   | 4,632,327 <sup>1</sup> | 9.0 <sup>1</sup>     |
| 1915, . . . . .                               | 44,723,556   | 2,753,961 <sup>1</sup> | 5.8 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | -            | 13,902,247             | 45.1                 |

**(c) Wages Paid.**

| YEAR.   | Value       | Increase             | Per Cent of Increase |
|---|-------------|----------------------|----------------------|
| 1907, . . . . .                               | \$1,440,263 | -                    | -                    |
| 1908, . . . . .                               | 1,472,946   | \$32,683             | 2.3                  |
| 1909, . . . . .                               | 1,837,166   | \$34,220             | 24.7                 |
| 1910, . . . . .                               | 1,668,177   | 168,989 <sup>1</sup> | 9.2 <sup>1</sup>     |
| 1911, . . . . .                               | 1,782,442   | 114,265              | 6.8                  |
| 1912, . . . . .                               | 1,942,125   | 159,683              | 9.0                  |
| 1913, . . . . .                               | 2,102,410   | 160,285              | 8.3                  |
| 1914, . . . . .                               | 2,141,451   | 39,041               | 1.9                  |
| 1915, . . . . .                               | 2,193,506   | 52,055               | 2.4                  |
| Increase for the eight-year period, . . . . . | -           | 753,243              | 52.3                 |

**(d) Wage-Earners.**

| YEAR.   | Number | Increase         | Per Cent of Increase |
|---|--------|------------------|----------------------|
| 1907, . . . . .                               | 2,676  | -                | -                    |
| 1908, . . . . .                               | 2,707  | 31               | 1.2                  |
| 1909, . . . . .                               | 3,325  | 618              | 22.8                 |
| 1910, . . . . .                               | 2,941  | 384 <sup>1</sup> | 11.5 <sup>1</sup>    |
| 1911, . . . . .                               | 3,172  | 231              | 7.9                  |
| 1912, . . . . .                               | 3,432  | 260              | 8.2                  |
| 1913, . . . . .                               | 3,577  | 145              | 4.2                  |
| 1914, . . . . .                               | 3,532  | 5                | 0.1                  |
| 1915, . . . . .                               | 3,473  | 109 <sup>1</sup> | 3.0 <sup>1</sup>     |
| Increase for the eight-year period, . . . . . | -      | 797              | 29.8                 |

<sup>1</sup> Decrease.

**Woolen and Worsted Goods (including Felt Goods).****(a) Product.**

| YEAR.                               | Value         | Increase                  | Per Cent of Increase |
|-------------------------------------|---------------|---------------------------|----------------------|
| 1907.                               | \$131,103,821 | -                         | -                    |
| 1908.                               | 104,584,730   | \$26,519,091 <sup>1</sup> | 20.2 <sup>1</sup>    |
| 1909.                               | 140,665,084   | 36,080,304                | 34.5                 |
| 1910.                               | 123,214,640   | 17,450,394 <sup>1</sup>   | 12.4 <sup>1</sup>    |
| 1911.                               | 116,201,330   | 7,012,810 <sup>1</sup>    | 5.7 <sup>1</sup>     |
| 1912.                               | 130,557,545   | 20,355,715                | 17.5                 |
| 1913.                               | 122,495,003   | 14,062,462 <sup>1</sup>   | 10.3 <sup>1</sup>    |
| 1914.                               | 130,348,514   | 7,853,421                 | 6.4                  |
| 1915.                               | 143,628,515   | 13,280,001                | 10.2                 |
| Increase for the eight-year period, | -             | 12,524,604                | 9.6                  |

**(b) Stock and Materials.**

| YEAR.                               | Value        | Increase                  | Per Cent of Increase |
|-------------------------------------|--------------|---------------------------|----------------------|
| 1907.                               | \$81,118,403 | -                         | -                    |
| 1908.                               | 63,757,850   | \$17,360,543 <sup>1</sup> | 21.4 <sup>1</sup>    |
| 1909.                               | 87,296,605   | 23,538,755                | 36.9                 |
| 1910.                               | 76,453,280   | 10,833,325 <sup>1</sup>   | 12.4 <sup>1</sup>    |
| 1911.                               | 74,859,465   | 1,603,815 <sup>1</sup>    | 2.1 <sup>1</sup>     |
| 1912.                               | 85,546,580   | 10,687,115                | 14.3                 |
| 1913.                               | 74,770,943   | 10,775,637 <sup>1</sup>   | 12.6 <sup>1</sup>    |
| 1914.                               | 83,077,423   | 8,306,480                 | 11.1                 |
| 1915.                               | 90,080,429   | 7,003,006                 | 8.4                  |
| Increase for the eight-year period, | -            | 8,961,936                 | 11.0                 |

**(c) Wages Paid.**

| YEAR.                               | Value        | Increase                 | Per Cent of Increase |
|-------------------------------------|--------------|--------------------------|----------------------|
| 1907.                               | \$22,892,835 | -                        | -                    |
| 1908.                               | 19,069,657   | \$3,823,178 <sup>1</sup> | 16.7 <sup>1</sup>    |
| 1909.                               | 24,258,843   | 5,189,186                | 27.2                 |
| 1910.                               | 22,374,149   | 1,984,694 <sup>1</sup>   | 8.2 <sup>1</sup>     |
| 1911.                               | 22,718,615   | 444,466                  | 2.0                  |
| 1912.                               | 26,699,717   | 3,981,102                | 17.5                 |
| 1913.                               | 24,381,894   | 2,317,823 <sup>1</sup>   | 8.7 <sup>1</sup>     |
| 1914.                               | 27,363,063   | 2,981,168                | 12.2                 |
| 1915.                               | 26,367,140   | 995,942 <sup>1</sup>     | 3.6 <sup>1</sup>     |
| Increase for the eight-year period, | -            | 3,474,305                | 15.2                 |

**(d) Wage-Earners.**

| YEAR.                               | Number | Increase           | Per Cent of Increase |
|-------------------------------------|--------|--------------------|----------------------|
| 1907.                               | 50,068 | -                  | -                    |
| 1908.                               | 42,540 | 7,528 <sup>1</sup> | 15.1 <sup>1</sup>    |
| 1909.                               | 53,195 | 10,655             | 25.0                 |
| 1910.                               | 49,273 | 3,922 <sup>1</sup> | 7.4 <sup>1</sup>     |
| 1911.                               | 49,276 | 3                  | -.3                  |
| 1912.                               | 54,453 | 5,177              | 10.5                 |
| 1913.                               | 50,519 | 3,934 <sup>1</sup> | 7.2 <sup>1</sup>     |
| 1914.                               | 54,255 | 3,736              | 7.4                  |
| 1915.                               | 53,268 | 987 <sup>1</sup>   | 1.8 <sup>1</sup>     |
| Increase for the eight-year period, | -      | 3,175              | 6.3                  |

<sup>1</sup> Decrease.<sup>2</sup> Less than one-tenth of one per cent.



## EXPORTS.

In response to the demand for data concerning our export trade which has become a matter of public interest, the Annual Statistics supplemental schedule for 1914 contained a simple inquiry as to the value of goods exported in that year. In 1915, the inquiry was extended to include not only the value of the goods exported, but the countries of destination. Previous to 1914, Massachusetts manufacturers did not concern themselves to any great extent with foreign commerce. Goods were produced mainly to supply the domestic market and our manufactures had not been developed with a view to supplying a world-wide trade. There was, of course, a considerable demand for staple lines comprising Boots and shoes, Leather, Machinery, and Cotton goods, and a number of enterprising business men exerted themselves to develop a market for their goods abroad; but operations on a large scale were undertaken by but few establishments having extensive capital and special facilities for selling.

The outbreak of the world war, however, changed this somewhat provincial attitude of our American manufacturers, made European countries dependent in a large measure on the resources of this country, quickened the demand for American goods abroad, and animated Massachusetts manufacturers to take positive advantage of the opportunity.

The following table itemizes some interesting data for number of establishments and value of goods exported by Massachusetts manufacturers, in 1914 and 1915, for industries having a representation of three or more establishments which can be presented without disclosing the operations of individual concerns: —

| INDUSTRIES.   | NUMBER OF ESTABLISHMENTS |              | VALUE OF GOODS EXPORTED |                      |
|---|--------------------------|--------------|-------------------------|----------------------|
|   | 1914                     | 1915         | 1914                    | 1915                 |
| <b>All Industries.</b>  | <b>1,195</b>             | <b>1,649</b> | <b>\$39,670,307</b>     | <b>\$111,739,716</b> |
| Automobiles, . . . . .  | 4                        | 6            | 91,421                  | 441,029              |
| Boot and shoe cut stock and findings, . .                           | 83                       | 130          | 1,177,172               | 2,335,667            |
| Boots and shoes, . . . . .  | 116                      | 195          | 5,788,822               | 27,272,966           |
| Canning and preserving fish, . . . . .                              | 7                        | 9            | 80,000                  | 759,599              |
| Chemicals, . . . . .  | 5                        | 10           | 37,102                  | 506,062              |
| Clothing, men's, . . . . .  | 12                       | 9            | 47,930                  | 119,900              |
| Combs and hairpins, . . . . .                                       | 6                        | 11           | 14,539                  | 51,214               |
| Confectionery, . . . . .  | 7                        | 14           | 39,774                  | 139,041              |
| Cotton goods, . . . . .   | 22                       | 42           | 2,796,582               | 5,635,230            |
| Foundry and machine-shop products, . .                              | 231                      | 295          | 3,162,578               | 12,128,140           |
| Furniture, . . . . .  | 15                       | 18           | 167,789                 | 169,512              |
| Hats, straw, . . . . .  | 6                        | 9            | 99,259                  | 149,326              |
| Hosiery and knit goods, . . . . .                                   | 8                        | 15           | 155,509                 | 1,461,763            |
| Jewelry, . . . . .  | 35                       | 53           | 121,438                 | 378,892              |
| Lasts, . . . . .  | 14                       | 15           | 96,642                  | 33,433               |
| Leather, tanned, curried, and finished, <sup>1</sup> .              | 33                       | 38           | 4,684,377               | 11,556,569           |
| Lumber and timber products, . . . . .                               | 10                       | 8            | 248,631                 | 330,761              |
| Musical instruments, pianos and organs, and materials, . . . . .    | 11                       | 16           | 54,583                  | 108,221              |
| Paper and wood pulp, . . . . .                                      | 36                       | 47           | 507,076                 | 496,856              |
| Paper goods, not elsewhere specified, . .                           | 11                       | 23           | 249,777                 | 372,155              |
| Patent medicines and compounds, . . .                               | 13                       | 24           | 320,838                 | 453,695              |
| Rubber goods, exclusive of rubber boots and shoes, . . . . .        | 8                        | 12           | 57,746                  | 513,243              |
| Silverware and plated ware, . . . . .                               | 3                        | 8            | 183,120                 | 206,989              |
| Sporting and athletic goods, . . . . .                              | 6                        | 9            | 85,773                  | 113,912              |
| Steam fittings and steam and hot-water heating apparatus, . . . . . | 11                       | 16           | 274,872                 | 706,547              |
| Suspenders, garters, and elastic woven goods, . . . . .             | 4                        | 8            | 166,455                 | 297,444              |
| Toys and games, . . . . .   | 6                        | 8            | 16,061                  | 67,247               |
| Wire and wire goods, . . . . .                                      | 10                       | 15           | 82,241                  | 801,153              |
| Woolen and worsted goods, . . . . .                                 | 9                        | 45           | 512,996                 | 7,353,610            |
| Other industries, . . . . .   | 474                      | 551          | 18,348,514              | 36,770,940           |

<sup>1</sup> Including Leather belting.

It will be noted that, in 1914, 1,195 establishments in Massachusetts reported a share in the export trade, the total volume of business being \$39,670,307, — equivalent to 2.4 per cent of the total product of the State in that year, — \$1,641,373,047. In 1915, 1,649 Massachusetts establishments participated in

the work, their total contribution to foreign commerce being \$111,720,716, — equivalent to 6.6 per cent of the aggregate output of manufacturing establishments in that year, (\$1,692,445,366), — at the same time registering a gain over the 1914 export figures of \$72,050,409, or 181.6 per cent. During the same period the volume of foreign trade of the United States in all commodities, including the extractive industries, — with no segregation of totals for manufactures, — rose from \$2,071,057,744 to \$3,486,015,988, an increase of only 68.3 per cent. These figures bear testimony to the versatility of Massachusetts manufacturers in adjusting themselves to the needs of the moment, and in maintaining their relative share in the commercial expansion of the Nation.

Interesting comparisons are disclosed in this table of export data. *Boots and shoes* exhibits nearly a four-fold increase, exports rising from \$5,788,822 in 1914 to \$27,272,966 in 1915, a gain of 371.1 per cent. The breaking off of peaceful relations between the European countries so interrupted activity in manufacturing establishments, that orders for footwear had to be placed with plants which had the equipment and skilled help to turn them out within the required time. Of the total exports of Boots and shoes from the United States in 1915, recorded as \$38,585,562, — Massachusetts factories produced nearly three-fourths, — in value amounting to \$27,272,966; nor does this sum take into account an additional item of \$2,335,667 for Boot and shoe cut stock and findings which were also exported within that year as against \$1,177,172 in the year preceding.

Ranking second in the list of exports, we find *Foundry and machine-shop products*. The metal working machinery and machine tools manufactured in Massachusetts have achieved in other countries an enviable reputation for high-grade workmanship, precision of measurement, and accuracy of work turned out, but intensive selling effort has not been made in the foreign markets, principally because skill in demonstrating these products is required and the individual manufacturer cannot maintain efficient agents in foreign countries, except at practically prohibitive expense. When, however, the need of machine tools, of gauges, jigs, and fixtures became urgent, Massachusetts plants had the necessary equipment and the skilled tool makers to do the work, with

the result that exports rose from \$3,162,578 in 1914 to \$12,128,140 in 1915, a gain of 283.5 per cent. It should be stated that these figures are restricted to data of which the manufacturers themselves had record. Undoubtedly a larger amount of Massachusetts goods of this kind was exported through the medium of independent selling agents. In other words, the first sale was made in this country and the products were afterwards disposed of through export houses.

Exports of *Leather, including belting*, are third in order, the volume of business rising from \$4,684,377 in 1914 to \$11,556,869 in 1915, an increase of 146.7 per cent. Exports of Leather in the United States rose from \$44,975,996 in 1914 to \$80,847,736 in 1915, an increase of 79.8 per cent.

*Woolen and worsted goods* exhibits an increase from \$512,996 reported by nine establishments in 1914, to \$7,353,610 reported by 45 establishments in 1915. Under normal conditions the volume of woolen goods which is exported is negligible, so that the increase in this industry during 1915 is traceable to war orders of cloth for uniforms, the sales being handled largely through commission agents in New York, upon orders secured for the most part through banking houses.

Exports of *Cotton goods*, fifth in order of importance, rose from \$2,796,582 in 1914, to \$5,635,230 in 1915. For this industry, however, it is difficult to secure full data, because it is the custom of the mills to dispose of their product directly to commission houses, so that they frequently have no accurate knowledge of the ultimate disposition of their goods. The principal market for Cotton goods, unlike that of Boots and shoes and Leather, is outside of Massachusetts. Quotations for print cloths and cotton goods are given as of New York City, which is the principal selling market. In consequence of this long established practice regarding the method and place of sale, records of goods destined for export are not kept by the local manufacturers, nor do the commission merchants or the exporters always compile their accounts in sufficient detail to identify the sales of goods with the individual mills in Massachusetts.

*Hosiery and knit goods* shows a pronounced increase in exports from \$155,509, as reported by eight establishments in 1914, to \$1,461,763 from 15 establishments in 1915. This advance is

accounted for through the cutting off of the supply of goods in these lines which formerly came from Germany, and through the efforts of several Massachusetts manufacturers who have launched new export enterprises.

Large increases as compared with 1914 will be noted in respect to Canning and preserving fish; Rubber goods, exclusive of rubber boots and shoes; Wire and wire goods; and other industries for which the figures cannot be subdivided without disclosing the operations of individual establishments, such as military equipment, cartridges, explosives, etc.

In addition to the value of goods exported, data were received in 1915 in regard to the country of destination of exports in so far as they could be secured from the records of manufacturers. Of the 1,649 establishments reporting, the number sending goods to Canada, 1,040, surpassed the number exporting to any other country, but the volume of exports, \$8,367,703, approximated only eight per cent of the total, — \$111,720,716. With respect to Mexico, the value of goods exported in 1915, from 101 establishments, amounted to \$313,256, — less than one per cent of the total; while exports to South America aggregated \$3,869,190, or 3.5 per cent, 297 establishments reporting. Of the other grand divisions, *Europe* purchased goods to the amount of \$76,145,566, 68 per cent of the volume of exports, — England being credited with \$34,819,693, or 31.2 per cent; followed, in order, by Italy, \$11,935,897, 10.7 per cent; Russia, \$9,928,237, 8.9 per cent; France, \$8,560,981, 7.7 per cent; and Belgium, \$2,052,186, 1.8 per cent. Exports to *Asia* amounted to \$1,190,363, one per cent; to *Oceania*, \$2,553,078, 2.3 per cent, (including \$686,319 to the Philippine Islands), and *Africa*, \$1,048,387, or approximately one per cent of the grand total. Miscellaneous exports, in total \$11,820,893, forming 10.6 per cent of the aggregate, could not be distributed according to country of destination from the records of the manufacturers.

The following tables give the destination of goods, by countries, in 1915, for All Industries and for six selected industries in which exports have been developed to a measurable extent: —

## ALL INDUSTRIES.

| Countries.                         | Number of Establishments Reporting | Value of Exports     | Per Cent of Total |
|------------------------------------|------------------------------------|----------------------|-------------------|
| <b>Total.</b>                      | <b>1,649</b>                       | <b>\$111,729,716</b> | <b>100.0</b>      |
| Canada, . . . . .                  | 1,040                              | 8,367,703            | 7.5               |
| Mexico, . . . . .                  | 101                                | 312,256              | 0.3               |
| Central America, . . . . .         | 107                                | 955,928              | 0.9               |
| South America, . . . . .           | 297                                | 3,569,190            | 3.5               |
| West Indies, . . . . .             | -                                  | 5,160,509            | 4.6               |
| Cuba, . . . . .                    | 343                                | 3,923,582            | 3.5               |
| Other West Indies, . . . . .       | 263                                | 1,236,927            | 1.1               |
| Hawaii, . . . . .                  | 122                                | 306,843              | 0.3               |
| Europe, . . . . .                  | -                                  | 79,145,569           | 69.1              |
| England, . . . . .                 | 625                                | 34,819,698           | 31.2              |
| Italy, . . . . .                   | 125                                | 11,985,897           | 10.7              |
| Russia, . . . . .                  | 106                                | 9,928,237            | 8.9               |
| France, . . . . .                  | 179                                | 8,540,961            | 7.7               |
| Belgium, . . . . .                 | 16                                 | 2,052,186            | 1.8               |
| Spain, . . . . .                   | 83                                 | 615,681              | 0.6               |
| Norway and Sweden, . . . . .       | 50                                 | 376,315              | 0.3               |
| Germany, . . . . .                 | 35                                 | 298,864              | 0.3               |
| Denmark, . . . . .                 | 23                                 | 270,898              | 0.2               |
| Switzerland, . . . . .             | 14                                 | 233,586              | 0.2               |
| Holland, . . . . .                 | 23                                 | 230,483              | 0.2               |
| Ireland, . . . . .                 | 5                                  | 34,814               | -.1               |
| Greece, . . . . .                  | 10                                 | 31,101               | -.1               |
| Scotland, . . . . .                | 11                                 | 18,896               | -.1               |
| Austria-Hungary, . . . . .         | 9                                  | 9,834                | -.1               |
| Europe, not specified, . . . . .   | 148                                | 6,733,108            | 6.0               |
| Asia, . . . . .                    | -                                  | 1,180,363            | 1.0               |
| Japan, . . . . .                   | 73                                 | 368,467              | 0.3               |
| India, . . . . .                   | 68                                 | 358,894              | 0.3               |
| China, . . . . .                   | 59                                 | 237,699              | 0.2               |
| Other Asia, . . . . .              | 25                                 | 225,303              | 0.2               |
| Oceania, . . . . .                 | -                                  | 2,553,078            | 2.3               |
| Australia, . . . . .               | 101                                | 407,334              | 0.4               |
| Philippine Islands, . . . . .      | 136                                | 694,319              | 0.6               |
| Oceania, not specified, . . . . .  | 75                                 | 1,459,425            | 1.3               |
| Africa, . . . . .                  | 102                                | 1,048,387            | 0.9               |
| Countries not specified, . . . . . | 122                                | 11,830,893           | 10.6              |

<sup>1</sup> Less than one-tenth of one per cent.

## BOOTS AND SHOES.

| COUNTRIES.                         | Number of Establishments Reporting | Value of Exports    | Per Cent of Total |
|------------------------------------|------------------------------------|---------------------|-------------------|
| <b>Total.</b>                      | <b>195</b>                         | <b>\$27,272,908</b> | <b>100.0</b>      |
| Canada, . . . . .                  | 88                                 | 1,378,438           | 4.7               |
| Mexico, . . . . .                  | 14                                 | 130,492             | 0.5               |
| Central America, . . . . .         | 17                                 | 111,350             | 0.4               |
| South America, . . . . .           | 42                                 | 840,842             | 3.1               |
| West Indies, . . . . .             | -                                  | 9,448,871           | 3.0               |
| Cuba, . . . . .                    | 116                                | 2,344,426           | 8.2               |
| Other West Indies, . . . . .       | 62                                 | 202,845             | 0.8               |
| Hawaii, . . . . .                  | 23                                 | 82,373              | 0.3               |
| Europe, . . . . .                  | -                                  | 21,898,870          | 78.1              |
| Italy, . . . . .                   | 25                                 | 10,315,687          | 37.8              |
| Russia, . . . . .                  | 17                                 | 7,295,858           | 26.7              |
| England, . . . . .                 | 50                                 | 1,300,946           | 4.8               |
| Belgium, . . . . .                 | 4                                  | 1,125,683           | 4.2               |
| France, . . . . .                  | 21                                 | 782,794             | 2.9               |
| Denmark, . . . . .                 | 5                                  | 142,146             | 0.5               |
| Norway and Sweden, . . . . .       | 6                                  | 106,393             | 0.4               |
| Switzerland, . . . . .             | 3                                  | 15,620              | 0.1               |
| Germany, . . . . .                 | 4                                  | 6,670               | — <sup>1</sup>    |
| Europe, not specified, . . . . .   | 21                                 | 183,183             | 0.7               |
| Oceania, . . . . .                 | -                                  | 486,971             | 1.7               |
| Australia, . . . . .               | 15                                 | 48,226              | 0.2               |
| Philippine Islands, . . . . .      | 33                                 | 345,203             | 1.3               |
| Oceania, not specified, . . . . .  | 7                                  | 63,442              | 0.2               |
| Asia, . . . . .                    | -                                  | 83,794              | 0.1               |
| India, . . . . .                   | 7                                  | 27,250              | 0.1               |
| China, . . . . .                   | 9                                  | 11,435              | — <sup>1</sup>    |
| Africa, . . . . .                  | 23                                 | 260,931             | 1.0               |
| Countries not specified, . . . . . | 15                                 | 321,625             | 1.1               |

<sup>1</sup> Less than one-tenth of one per cent.

## BOOT AND SHOE CUT STOCK AND FINDINGS.

| COUNTRIES.                         | Number of Establishments Reporting | Value of Exports   | Per Cent of Total |
|------------------------------------|------------------------------------|--------------------|-------------------|
| <b>Total.</b>                      | <b>120</b>                         | <b>\$2,235,007</b> | <b>100.0</b>      |
| Canada, . . . . .                  | 75                                 | 372,755            | 16.0              |
| South America, . . . . .           | 19                                 | 125,375            | 5.4               |
| West Indies, . . . . .             | -                                  | 13,053             | 0.6               |
| Cuba, . . . . .                    | 8                                  | 10,553             | 0.5               |
| Other West Indies, . . . . .       | 5                                  | 2,405              | 0.1               |
| Europe, . . . . .                  | -                                  | 1,063,176          | 71.4              |
| England, . . . . .                 | 58                                 | 1,334,620          | 57.1              |
| Holland, . . . . .                 | 4                                  | 133,607            | 5.7               |
| France, . . . . .                  | 10                                 | 50,455             | 2.2               |
| Switzerland, . . . . .             | 3                                  | 45,234             | 1.9               |
| Italy, . . . . .                   | 3                                  | 8,394              | 0.4               |
| Spain, . . . . .                   | 3                                  | 4,675              | 0.2               |
| Europe, not specified, . . . . .   | 9                                  | 91,201             | 3.9               |
| Oceania, . . . . .                 | -                                  | 43,543             | 2.0               |
| Australia, . . . . .               | 13                                 | 35,444             | 1.5               |
| Philippine Islands, . . . . .      | 4                                  | 9,833              | 0.4               |
| Oceania, not specified, . . . . .  | 4                                  | 3,275              | 0.1               |
| Africa, . . . . .                  | 3                                  | 2,303              | 0.1               |
| Countries not specified, . . . . . | 17                                 | 105,463            | 4.5               |

## COTTON GOODS.

| <b>Total.</b>                      | <b>43</b> | <b>\$5,635,320</b> | <b>100.0</b> |
|------------------------------------|-----------|--------------------|--------------|
| Canada, . . . . .                  | 27        | 263,167            | 4.6          |
| Central America, . . . . .         | 3         | 123,374            | 2.2          |
| South America, . . . . .           | 9         | 96,633             | 1.7          |
| West Indies, . . . . .             | -         | 516,435            | 9.2          |
| Cuba, . . . . .                    | 3         | 233,210            | 5.1          |
| Other West Indies, . . . . .       | 3         | 223,375            | 4.1          |
| Europe, . . . . .                  | -         | 733,179            | 13.0         |
| France, . . . . .                  | 5         | 303,313            | 7.0          |
| England, . . . . .                 | 12        | 247,304            | 4.4          |
| Europe, not specified, . . . . .   | 5         | 92,087             | 1.6          |
| Oceania, . . . . .                 | -         | 307,543            | 7.1          |
| Philippine Islands, . . . . .      | 4         | 21,537             | 0.4          |
| Oceania, not specified, . . . . .  | 3         | 376,006            | 6.7          |
| Countries not specified, . . . . . | 17        | 3,506,344          | 62.2         |



## FOUNDRY AND MACHINE-SHOP PRODUCTS.

| COUNTRIES.                         | Number of<br>Establish-<br>ments<br>Reporting | Value of<br>Exports | Per Cent<br>of Total |
|------------------------------------|---|---------------------|----------------------|
| <b>Total.</b>                      | <b>286</b>                                    | <b>\$12,128,160</b> | <b>100.0</b>         |
| Canada, . . . . .                  | 243   | 1,602,170           | 13.2                 |
| Mexico, . . . . .                  | 23  | 32,763              | 0.3                  |
| Central America, . . . . .         | 15  | 20,027              | 0.1                  |
| South America, . . . . .           | 58  | 361,743             | 3.0                  |
| West Indies, . . . . .             | —   | 305,774             | 1.7                  |
| Cuba, . . . . .                    | 39  | 153,978             | 1.3                  |
| Other West Indies, . . . . .       | 23  | 52,796              | 0.4                  |
| Hawaii, . . . . .                  | 15  | 21,892              | 0.2                  |
| Europe, . . . . .                  | —   | 8,929,539           | 73.6                 |
| England, . . . . .                 | 147   | 4,466,333           | 36.8                 |
| France, . . . . .                  | 69  | 2,146,983           | 17.7                 |
| Russia, . . . . .                  | 49  | 996,081             | 8.2                  |
| Italy, . . . . .                   | 40  | 425,678             | 3.5                  |
| Germany, . . . . .                 | 17  | 213,651             | 1.8                  |
| Spain, . . . . .                   | 25  | 150,513             | 1.3                  |
| Norway and Sweden, . . . . .       | 10  | 31,308              | 0.3                  |
| Scotland, . . . . .                | 3   | 27,355              | 0.2                  |
| Denmark, . . . . .                 | 6   | 13,536              | 0.1                  |
| Switzerland, . . . . .             | 4   | 11,090              | 0.1                  |
| Belgium, . . . . .                 | 4   | 3,503               | — <sup>1</sup>       |
| Holland, . . . . .                 | 7   | 2,589               | — <sup>1</sup>       |
| Europe, not specified, . . . . .   | 30  | 440,057             | 3.6                  |
| Oceania, . . . . .                 | —   | 177,696             | 1.5                  |
| Australia, . . . . .               | 24  | 86,359              | 0.7                  |
| Philippine Islands, . . . . .      | 15  | 19,616              | 0.2                  |
| Oceania, not specified, . . . . .  | 15  | 69,721              | 0.6                  |
| Asia, . . . . .                    | —   | 151,869             | 1.3                  |
| Japan, . . . . .                   | 27  | 64,917              | 0.5                  |
| India, . . . . .                   | 14  | 43,819              | 0.4                  |
| China, . . . . .                   | 10  | 34,643              | 0.3                  |
| Asia, not specified, . . . . .     | 3   | 7,590               | 0.1                  |
| Africa, . . . . .                  | 18  | 45,594              | 0.4                  |
| Countries not specified, . . . . . | 23  | 579,684             | 4.7                  |

<sup>1</sup> Less than one-tenth of one per cent.

## HOSIERY AND KNIT GOODS.

| COUNTRIES.                         | Number of Establishments Reporting | Value of Exports   | Per Cent of Total |
|------------------------------------|------------------------------------|--------------------|-------------------|
| <b>Total.</b>                      | <b>15</b>                          | <b>\$1,461,768</b> | <b>100.0</b>      |
| Canada, . . . . .                  | 11                                 | 39,825             | 2.7               |
| South America, . . . . .           | 6                                  | 211,785            | 14.5              |
| West Indies, . . . . .             | -                                  | 186,867            | 12.8              |
| Cuba, . . . . .                    | 3                                  | 67,799             | 4.6               |
| Other West Indies, . . . . .       | 7                                  | 119,058            | 8.2               |
| Hawaii, . . . . .                  | 3                                  | 24,331             | 1.7               |
| England, . . . . .                 | 8                                  | 833,403            | 57.0              |
| Philippine Islands, . . . . .      | 3                                  | 1,447              | 0.1               |
| Countries not specified, . . . . . | 20                                 | 164,116            | 11.2              |

## LEATHER, TANNED, CURRIED, AND FINISHED.

|                                    |           |                     |              |
|------------------------------------|-----------|---------------------|--------------|
| <b>Total.</b>                      | <b>33</b> | <b>\$11,566,909</b> | <b>100.0</b> |
| Canada, . . . . .                  | 26        | 479,220             | 4.1          |
| Mexico, . . . . .                  | 3         | 11,568              | 0.1          |
| Central America, . . . . .         | 4         | 48,968              | 0.4          |
| South America, . . . . .           | 9         | 717,006             | 6.2          |
| West Indies, . . . . .             | -         | 166,487             | 1.4          |
| Cuba, . . . . .                    | 12        | 148,949             | 1.3          |
| Other West Indies, . . . . .       | 5         | 17,538              | 0.1          |
| Europe, . . . . .                  | -         | 9,533,739           | 82.5         |
| England, . . . . .                 | 20        | 6,810,581           | 58.9         |
| France, . . . . .                  | 12        | 1,509,823           | 13.1         |
| Italy, . . . . .                   | 7         | 194,796             | 1.1          |
| Norway and Sweden, . . . . .       | 6         | 117,492             | 1.0          |
| Spain, . . . . .                   | 6         | 109,598             | 0.9          |
| Greece, . . . . .                  | 3         | 23,413              | 0.2          |
| Europe, not specified, . . . . .   | 12        | 838,026             | 7.3          |
| Oceania, . . . . .                 | -         | 89,375              | 0.8          |
| Australia, . . . . .               | 3         | 79,027              | 0.7          |
| Philippine Islands, . . . . .      | 5         | 10,348              | 0.1          |
| Asia, . . . . .                    | -         | 14,739              | 0.1          |
| China, . . . . .                   | 3         | 9,986               | 0.1          |
| Japan, . . . . .                   | 4         | 1,359               | -1           |
| Other Asia, . . . . .              | 3         | 3,394               | -1           |
| Africa, . . . . .                  | 6         | 44,099              | 0.4          |
| Countries not specified, . . . . . | 11        | 451,688             | 4.0          |

<sup>1</sup> Less than one-tenth of one per cent.

It is hoped that the export data, which will remain a permanent feature of the annual schedule, will inspire our manufacturers to cultivate foreign markets and encourage them to compile their records in such a manner as to enable them to supply practical systematic information.

### THE CITIES.

The year 1915 marks the advent of two newly incorporated cities, namely, *Attleboro* and *Revere*, thereby increasing the total number in the State to 35. Besides *Boston*, which forms a class by itself with product value in 1915 of \$271,969,462, there were eight cities in the State the output of whose manufacturing establishments in that year exceeded \$50,000,000. They are in order of importance as follows:

Worcester.

Lawrence.

Lynn.

New Bedford.

Fall River.

Lowell.

Cambridge.

Brockton.

These cities maintained the same relative industrial rank in 1915 as in 1914, except that *Lowell* advanced from eighth to seventh position, changing places with *Cambridge* which was seventh in 1914. Of these municipalities, the city of *Worcester* outstripped all others, recording a product value of approximately one hundred millions of dollars, (\$99,334,217). This, the record year in the history of manufactures in this city, had its source of increase in the output of the iron and steel industries, and the product of foundries and machine shops, for which there has been unprecedented demand during the past year. The percentage of gain over 1914 was practically one-fifth (19.9 per cent). *Lawrence*, third city in industrial importance, exhibits an advance over 1914 of more than \$6,000,000 in product value, the increase occurring principally in the Woolen and worsted goods industry. A similar increase appears for *Lowell*, \$6,469,016, or 11.5 per cent, due, however, to activity in foundries and machine shops and other industries. The other important textile cities, *New Bedford*, fifth in rank, advanced from \$65,575,005 to \$69,245,342, an increase of 5.6 per cent, and *Fall River*, which, although maintaining its relative posi-

tion, sixth in 1915, exhibited decline in product value amounting to \$1,998,533 or 3.1 per cent as compared with 1914, traceable to diminished output in Cotton goods, the totals for this industry being \$45,392,734 in 1915 as against \$49,516,027 in the previous year. *Lynn* and *Brockton*, centers of shoe interest, and fourth and ninth cities, respectively, in industrial importance, exhibited opposite tendencies. In the case of *Lynn*, a loss in total product value for the city of one-half of one per cent appears, and a considerably higher rate of decline in Boots and shoes, which industry suffered a loss in product value of \$2,976,735, or 9.9 per cent as compared with 1914. *Brockton*, on the contrary, shows a gain of nearly eight per cent both in the total value of product for the city, and in the output of Boots and shoes, — specially equipped factories for large-scale production in men's shoes, and the filling of important war orders creating a situation entirely different from that of *Lynn* whose factories specialize in making shoes for women. The value of the output of the boot and shoe factories in *Brockton* was \$37,829,870 in 1915 as against \$35,032,665 in 1914. *Haverhill*, third city in importance in the State in the shoe industry, held eleventh position industrially, and exhibits an increase over 1914 not only in Boots and shoes, which registered advance from \$25,319,953 to \$26,169,453, but also for the city as a whole, the total product value advancing from \$42,409,246 to \$43,920,078, or 3.6 per cent.

The manufacturing establishments of *Boston* in 1915 were not exceptionally busy, the value of product reported from 2,427 establishments aggregating \$271,969,462 in 1915 as against a total of \$284,802,479 in 1914. Attention is called to the fact, however, that the lower product value shown in 1915, is due, not to actual decline in total volume of business, but principally to the omission from the 1915 canvass of establishments engaged in the *publishing* branch of the *Printing and publishing industry*. Making due allowance for this omission, however, some \$13,000,000 in product value, the total returns for the city would have only slightly exceeded the aggregates for 1914.

Of the 35 cities in the State in 1915, there were 25 which exhibited increase in product value as compared with the preceding year, the highest percentage of increase, 57.8 per cent,

appearing for the city of *Woburn*. *Quincy* exhibits a gain of 33 per cent, and *Worcester*, already referred to, a gain of 19.9 per cent. There were 10 cities which showed decline in product value in 1915 among which were *Salem*, 16.2 per cent, *Pittsfield*, 13.2 per cent, and *Holyoke*, 9.8 per cent. The aggregate product for all cities for 1915 was \$1,266,668,911, as against \$1,231,792,796<sup>1</sup> in 1914, an advance of 2.8 per cent.

The following table gives the data for 1915 with percentages of increase or decrease as compared with the preceding year.

[Arranged in order of Product Value in 1915.]

| CITIES.                           | 1914                               | 1915                   | Per Cent of Increase |
|-----------------------------------|------------------------------------|------------------------|----------------------|
| <b>Totals,</b> . . . . .          | <b>\$1,231,792,796<sup>1</sup></b> | <b>\$1,266,668,911</b> | <b>2.8</b>           |
| Boston, . . . . .                 | 284,802,479                        | 271,909,463            | * 4.5                |
| Worcester, . . . . .              | 82,829,356                         | 99,324,217             | 19.9                 |
| Lawrence, . . . . .               | 73,177,803                         | 79,406,531             | 8.5                  |
| Lynn, . . . . .                   | 69,783,418                         | 69,465,451             | * 0.5                |
| New Bedford, . . . . .            | 66,575,006                         | 69,245,242             | 5.6                  |
| Fall River, . . . . .             | 64,663,146                         | 62,664,613             | * 3.1                |
| Lowell, . . . . .                 | 56,048,641                         | 62,517,687             | 11.5                 |
| Cambridge, . . . . .              | 57,483,949                         | 58,423,407             | 1.6                  |
| Brookton, . . . . .               | 51,259,131                         | 55,222,875             | 7.7                  |
| Somerville, . . . . .             | 43,971,291                         | 44,946,442             | 2.2                  |
| Haverhill, . . . . .              | 42,409,246                         | 43,920,078             | 3.6                  |
| Springfield, . . . . .            | 44,428,854                         | 43,415,083             | * 3.3                |
| Holyoke, . . . . .                | 44,041,165                         | 39,709,203             | * 9.8                |
| Chicopee, . . . . .               | 28,899,152                         | 30,324,416             | 5.2                  |
| Fitchburg, . . . . .              | 22,963,352                         | 25,086,676             | 4.6                  |
| Pittsfield, . . . . .             | 22,241,237                         | 19,302,735             | * 13.2               |
| Taunton, . . . . .                | 15,885,812                         | 17,957,406             | 13.0                 |
| Chelsea, . . . . .                | 16,971,028                         | 17,380,756             | 2.4                  |
| Quincy, . . . . .                 | 12,097,462                         | 16,092,183             | 33.0                 |
| Attleboro, <sup>2</sup> . . . . . | 13,946,884                         | 13,969,686             | 0.2                  |
| Everett, . . . . .                | 12,219,200                         | 13,958,715             | 5.6                  |
| Marlborough, . . . . .            | 9,963,632                          | 12,393,321             | 24.1                 |
| North Adams, . . . . .            | 10,922,575                         | 12,282,066             | 12.4                 |
| Salem, . . . . .                  | 12,652,586                         | 11,444,083             | * 16.2               |
| Waltham, . . . . .                | 10,236,912                         | 10,937,073             | 6.8                  |
| Malden, . . . . .                 | 8,366,244                          | 9,827,244              | 17.5                 |
| Beverly, . . . . .                | 8,774,187                          | 9,624,160              | 9.8                  |
| Gloucester, . . . . .             | 8,533,964                          | 8,901,194              | 4.3                  |
| Northampton, . . . . .            | 8,580,730                          | 8,728,939              | 1.7                  |
| Woburn, . . . . .                 | 5,517,806                          | 8,706,914              | 57.8                 |
| Newburyport, . . . . .            | 8,245,998                          | 8,089,959              | * 1.9                |
| Newton, . . . . .                 | 5,822,853                          | 5,646,200              | * 3.0                |
| Melrose, . . . . .                | 2,499,029                          | 3,023,293              | 21.0                 |
| Medford, . . . . .                | 2,618,893                          | 2,186,265              | * 16.5               |
| Revere, <sup>3</sup> . . . . .    | 349,696                            | 466,857                | 41.8                 |

<sup>1</sup> Includes figures for Attleboro and Revere which were towns in 1914.

<sup>2</sup> Decrease.

<sup>3</sup> Incorporated as a city January 1, 1915.

### METROPOLITAN BOSTON.

Of the total number of wage earners employed in manufacturing industries in 1915, viz.: 596,348, the 39 cities and towns comprising *Metropolitan Boston* contributed approximately 28 per cent, in actual number 166,017; while of the

industrial output of the State, namely, \$1,692,445,366, production within this district was \$583,796,410, or somewhat more than one-third. Of the latter total, establishments in the city of *Boston* produced \$271,969,462, or 46 per cent of the Metropolitan output and employed 74,415 wage-earners, or nearly 45 per cent of the labor force employed in manufacturing industries in the area. As previously explained, the product value recorded for Boston in 1915 is approximately \$13,000,000 lower than the actual census figures would be, the deficit being due principally to the omission of establishments in the *publishing* industry which cannot be completely canvassed in the non-censal years. This particular line of business is largely centered in Boston, the other cities and towns in the Metropolitan area participating only to a limited extent.

*Lynn*, second city in importance, in the Metropolitan District, had a product value only one-fourth as large as Boston, the aggregate in 1915 being \$69,465,451, with a labor force of 22,790 wage-earners. Next in order follow *Cambridge*, \$58,423,407, with an average of 16,827 wage-earners, and *Somerville*, \$44,946,442, with an average of 5,424 wage-earners. There were only five other municipalities whose product value in 1915 exceeded \$10,000,000, namely, *Chelsea*, *Quincy*, *Watertown*, *Everett*, and *Waltham*.

Increased product values are shown for the cities of *Woburn*, \$8,706,914 and \$5,517,806, in 1915 and 1914, respectively, a gain of approximately 58 per cent; *Watertown* advancing from \$14,764,326 to \$16,017,975, or 8.5 per cent, — exclusive of the operations of the Watertown Arsenal; and *Quincy*, increasing from \$12,097,452 to \$16,092,183, or 33 per cent. The other cities and towns in the district, including the city of *Revere*, which has not yet assumed industrial importance, show no considerable variation from the aggregates of 1914.

The principal *industries* in Metropolitan Boston include *Boots and shoes*, both leather and rubber, with product values of \$58,043,636 and \$21,435,860, respectively; *Slaughtering and meat packing*, \$38,187,279; *Foundry and machine-shop products*, \$32,225,711<sup>1</sup>; *Electrical machinery, apparatus, and supplies*, \$28,664,153; *Clothing, men's and women's*, \$24,546,667; and

<sup>1</sup> Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

*Confectionery*, \$19,550,850. The data in detail will be found on pages 30 to 35, the following table bringing together the aggregates for each year since 1909.

## METROPOLITAN BOSTON.

| YEARS.                       | Number<br>of Es-<br>tablish-<br>ments | Value of<br>Product | Value of<br>Stock and<br>Materials<br>used | Wages .<br>Paid | Average<br>Number<br>of Wage-<br>Earners |
|------------------------------|---------------------------------------|---------------------|--|-----------------|--|
| 1909. <sup>1</sup> . . . . . | 5,025                                 | \$510,583,337       | \$384,354,063                              | \$68,125,349    | 165,991                                  |
| 1910. . . . .                | 3,238                                 | 493,497,178         | 292,069,565                                | 92,458,169      | 160,797                                  |
| 1911. . . . .                | 3,375                                 | 503,527,771         | 294,046,963                                | 95,871,777      | 163,458                                  |
| 1912. . . . .                | 3,507                                 | 545,310,724         | 320,468,150                                | 102,830,146     | 171,273                                  |
| 1913. . . . .                | 3,584                                 | 560,390,104         | 326,070,384                                | 107,031,823     | 172,594                                  |
| 1914. <sup>1</sup> . . . . . | 5,153                                 | 584,115,583         | 323,455,579                                | 107,139,933     | 172,375                                  |
| 1915. . . . .                | 4,139                                 | 583,796,410         | 331,294,109                                | 106,241,566     | 166,017                                  |

<sup>1</sup> Census year; not strictly comparable with corresponding figures for 1910, 1911, 1912, 1913 and 1915.

## THE TOWNS.

In Table I E, pages 38 to 45, data are given for 119 towns of the State. Of these, there were seven whose contribution to the output of the State in 1915 exceeded ten millions of dollars, — they are in order, Peabody, \$20,684,662; Watertown, \$16,017,975; Easthampton, \$12,906,142; Plymouth, \$12,694,973; Norwood, \$10,547,642; Framingham, \$10,542,051; and Leominster, \$10,205,698. The aggregate value of product for all the towns of the State, \$425,776,455, formed 25.2 per cent of the State total and exhibits an increase over the corresponding total for 1914 of \$1,899,624, or less than one per cent.

## CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 46 to 49, which presents data for 19 selected industries by character of ownership, emphasizes the tendency which obtains each year towards larger concentration of business under the corporate form of management. In 1915, only 6.7 per cent of the goods manufactured in the State was produced in establishments conducted by individuals, although the *number* of such establishments, 4,339, formed a relatively large proportion of the total reporting, (44.7 per cent). The percentage of goods manufactured by corporations was 83 per

cent and they employed 83.9 per cent of all wage-earners in manufacturing industries; other forms of management in 1915 produced 10.3 per cent of the goods made and employed 9.4 per cent of the wage-earners. The corresponding percentages for value of product in 1914 were, individual, 7.2 per cent, corporations, 82.2 per cent, and "other", 10.6 per cent. These proportions do not, of course, hold for the different industries, a considerable number of boot and shoe establishments — 137, or 30.9 per cent, of the total — being still operated by individuals, but they produced only 8.4 per cent of the shoes made in 1915, and employed only 9.2 per cent of the wage-earners; in Cotton goods and in Electrical machinery, apparatus, and supplies, practically the entire output was controlled by corporations.

The last column of the table shows the value added by manufacture, that is to say, the industry product remaining after the subtraction of the cost of stock and materials used. Measuring the relative importance of the industries by this remainder, we find that *Cotton goods, including Cotton small wares*, holds first place, with value added by manufacture of \$87,503,743, followed in order by *Boots and shoes*, with added value of \$80,064,865, *Foundry and machine-shop products*, \$63,996,402, *Woolen, worsted, and felt goods*, \$53,548,086, *Electrical machinery, apparatus, and supplies*, \$24,666,476, *Paper and wood pulp*, \$18,301,975, *Leather, tanned, curried, and finished*, \$15,263,108, and *Bread and other bakery products*, \$13,185,348. For All Industries, the value added by manufacture was \$732,782,909 or 43 per cent of the gross product of the State in 1915, \$1,692,445,366.

#### EMPLOYMENT BY MONTHS.

Table III, pages 50 to 75, presents the average number of wage-earners, month by month, for the year 1915, together with the average for the year as a whole. The average for the year 1915 (596,348) fell below the level of 1914 (606,698) by approximately two per cent, or 10,350 wage-earners. Referring to the report for 1914, page 52, it will be noted that employment registered its lowest level in December of that year, and the succeeding averages for 1915 indicate that the unemployment situation continued to intensify during January and February of that year. The month of March showed but little



improvement, the quarterly period April to July, found employment nearly stationary, exhibiting even a backward tendency, and it was not until August, 1915, that the monthly averages of employment began to be higher than at corresponding months in 1914. The months of November and December, 1915, however, exhibited extraordinary activity, the average for December, 645,391, exceeding that of any preceding monthly record in manufactures.

In *Boots and shoes* the highest number of wage-earners for the year, 82,937, appears in December, exceeding the average for the year, 74,548, by 8,389 wage-earners, or 11.3 per cent. Employment in this industry was subject to much fluctuation, the averages ranging between 68,355, the lowest point in May, and 82,937, the highest average in December, about one-fifth of the maximum being out of employment for an indeterminate period.

*Cotton goods, including Cotton small wares*, exhibited a fairly even range of employment. While the general level was not high, the variations were not particularly wide, so that employment in this industry might be considered normal. The average for the year was 113,223, — January recording the lowest employment, exhibiting an average of 109,433, and December, the month of greatest employment, 116,970, the deviation from the maximum in no other instance exceeding six per cent.

Wide departures from the average are shown for *Electrical machinery, apparatus, and supplies*. December, 1915, the month of highest employment in this industry, registered 19,561 wage-earners, although this total was considerably below former averages in the industry during periods of normal activity. The lowest average appeared in January, 1915, namely, 15,342 wage-earners, apparently more than one-fifth of the maximum being out of employment. Conditions did not materially improve until the final quarter of the year, when generally higher averages prevailed.

*Foundry and machine-shop products*<sup>1</sup> stands out in strong contrast to the other industries of the State in 1915. Beginning in the month of January with 39,381 wage-earners, a steady increase of employment, month by month appears,

<sup>1</sup> In accordance with the Census grouping, includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

mounting to 46,422 in July, 48,598 in September, 51,066 in November, and reaching the highest average of the year, 53,826 in December, registering an increase of 14,445 wage-earners over the preceding January. The month of December, 1915, thereby established a record for this industry in Massachusetts.

*Leather, tanned, curried, and finished* reached its maximum employment level in December, namely, 11,536, and the lowest average for the year, 9,212, in May, a deviation of 2,324 wage-earners, or 20 per cent from the maximum. Marked improvement beginning with the month of July is shown, continuing uninterruptedly for the balance of the year.

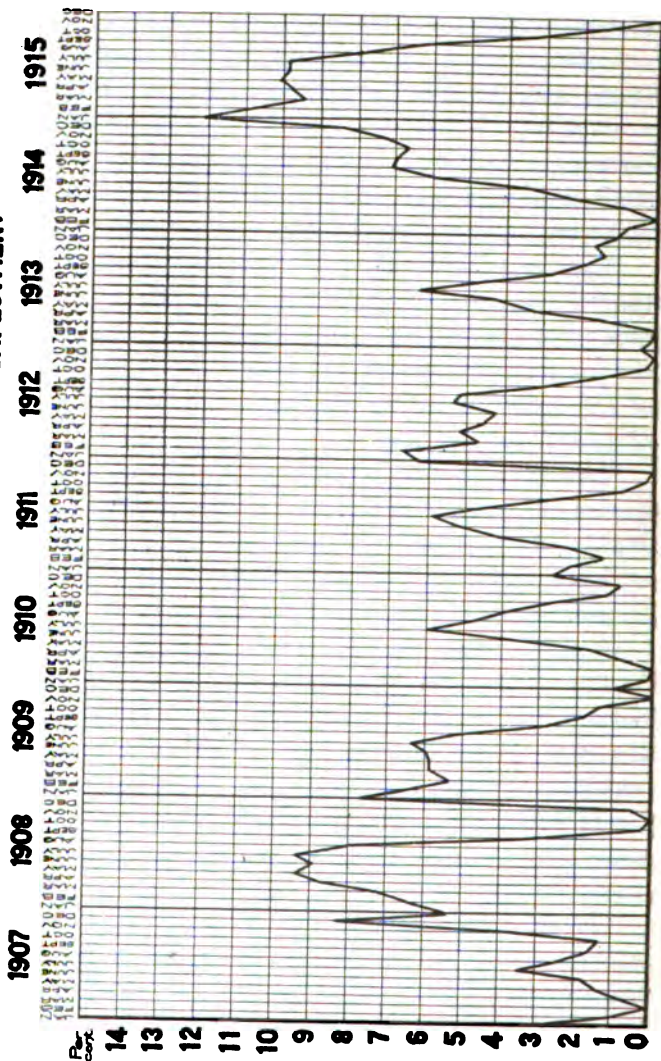
*Paper and wood pulp* exhibited fairly normal conditions for the year, the variations, month by month, being slight and the number of wage-earners averaging 13,147. Increased demand for the product of this industry began late in the year, the month of December exhibiting maximum employment with an average of 13,787 wage-earners.

*Slaughtering and meat packing* reported no particular activity during the year, the highest average shown, in the month of January, registering 3,388, and the lowest average in the month of September, 3,089, a range of less than 300 wage-earners, or approximately nine per cent for the year.

In *Woolen and worsted goods* the average for the year was 52,489. The monthly averages for the first quarter were fairly normal but the numbers fell off considerably in the middle of the year, the range being from 48,257 in the month of June to 54,553 in December, a fluctuation of approximately 12 per cent. Great activity for the months of October and November appear, the averages for these months being, 55,442 and 55,838 wage-earners, respectively.

The chart on page xxxiv shows the extent of unemployment in All Industries each year since 1907, examination of which reveals the fact that for the year 1915 the percentage of unemployment — as compared with maximum employment — exceeded even that of the depression period of 1908, the highest percentage of unemployment in 1915 being 12.1 per cent as against a little over 9 per cent in 1908, — for although the number of wage-earners employed at the maximum was higher than ever before, the minimum was also *relatively* lower than in any preceding year.

# UNEMPLOYMENT IN MANUFACTURING INDUSTRIES DEVIATION FROM THE MAXIMUM EMPLOYMENT



## WAGE EARNERS EMPLOYED DECEMBER 18, 1915.

Table IV, pages 76 to 79, gives the number of wage-earners, differentiated as to sex and age, employed on a particular day, namely, December 18, 1915. As the month of December, 1915, was exceptionally busy, we find that the aggregate registered for the State on that day, 653,618, is the highest number of wage-earners ever yet reported in manufacturing industries. Corresponding data for 1914 are not available, but by comparison with 1913, it will be noted that the increase is principally in the number of *adult males*, 432,493 in 1915 as against 399,435 in the earlier year, and there was also a smaller proportion of wage-earners under 18 years of age employed, namely, 44,825 as against 52,814 young persons employed at the corresponding date in the year 1913.

The industries employing large representations of young persons are *Cotton goods*, of whom, out of a total of 116,878 wage-earners finding employment on December 18, 9.5 per cent, or 11,047, were young persons under 18 years of age. *Boots and shoes* exhibits an aggregate on December 18 of 83,671, of whom 5,300, or 6.3 per cent were young persons; *Woolen and worsted goods*, 56,418, of whom 5,176, or 9.2 per cent were young persons; *Electrical machinery, apparatus, and supplies*, 19,828, 1,811, or 9.1 per cent of whom were young persons; *Confectionery*, 8,032, of whom 1,198, or 14.9 per cent were young persons; *Hosiery and knit goods*, 10,924, of whom 1,255, or 11.5 per cent, were young persons; and *Silk and silk goods*, 4,150, of whom 482, or 11.6 per cent, were young persons under 18 years of age.

## CLASSIFIED WEEKLY WAGES.

The table relating to classified weekly wages will be found on pages 80 to 119. The data refer, generally, to the week of greatest employment, and for the year 1915 include 703,203 wage-earners in 19 wage groups, ranging from those paid rates of less than \$3 per week to those paid rates \$25 per week and over. Reducing the numbers to percentages and condensing the wage classes into three groups, for the leading industries, we have the following:

| ALL INDUSTRIES.                                       |                       |                      |                      | Foundry and Machine-Shop Products. <sup>1</sup> |                       |                      |                      |
|---|-----------------------|----------------------|----------------------|---|-----------------------|----------------------|----------------------|
| YEARS.  | PERCENTAGES           |                      |                      | YEARS.  | PERCENTAGES           |                      |                      |
|   | Wages under \$8 (Low) | \$8 to \$15 (Medium) | \$15 and over (High) |   | Wages under \$8 (Low) | \$8 to \$15 (Medium) | \$15 and over (High) |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                             |                       |                      |                      |
| 1914, (411,115), . . .                                | 7.5                   | 55.2                 | 37.3                 | 1914, (40,098), . . .                           | 3.8                   | 52.6                 | 43.6                 |
| 1915, (465,665), . . .                                | 6.4                   | 54.7                 | 38.9                 | 1915, (55,866), . . .                           | 2.4                   | 52.6                 | 45.0                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                           |                       |                      |                      |
| 1914, (175,124), . . .                                | 36.9                  | 58.8                 | 4.3                  | 1914, (937), . . .                              | 36.8                  | 56.7                 | 6.5                  |
| 1915, (190,077), . . .                                | 34.6                  | 61.0                 | 4.5                  | 1915, (903), . . .                              | 42.6                  | 54.4                 | 3.0                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>    |                       |                      |                      |
| 1914, (43,937), . . .                                 | 81.1                  | 18.6                 | 0.3                  | 1914, (1,213), . . .                            | 77.3                  | 22.1                 | 0.6                  |
| 1915, (47,471), . . .                                 | 79.3                  | 20.4                 | 0.3                  | 1915, (1,888), . . .                            | 75.1                  | 24.8                 | 0.1                  |
| <b>Boots and Shoes.</b>                               |                       |                      |                      | <b>Leather, Tanned, Curried, and Finished.</b>  |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                             |                       |                      |                      |
| 1914, (50,158), . . .                                 | 4.2                   | 40.6                 | 55.2                 | 1914, (10,124), . . .                           | 5.4                   | 71.0                 | 23.6                 |
| 1915, (57,470), . . .                                 | 4.4                   | 37.8                 | 57.8                 | 1915, (12,308), . . .                           | 2.6                   | 71.5                 | 25.9                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                           |                       |                      |                      |
| 1914, (25,044), . . .                                 | 17.9                  | 69.1                 | 13.0                 | 1914, (166), . . .                              | 62.1                  | 34.9                 | 3.0                  |
| 1915, (28,311), . . .                                 | 15.8                  | 68.9                 | 15.3                 | 1915, (171), . . .                              | 52.6                  | 45.6                 | 1.8                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>    |                       |                      |                      |
| 1914, (4,847), . . .                                  | 74.4                  | 25.0                 | 0.6                  | 1914, (143), . . .                              | 67.1                  | 32.9                 | —                    |
| 1915, (5,367), . . .                                  | 67.8                  | 31.6                 | 0.6                  | 1915, (198), . . .                              | 59.6                  | 39.9                 | 0.5                  |
| <b>Cotton Goods, including Cotton Small Wares.</b>    |                       |                      |                      | <b>Paper and Wood Pulp.</b>                     |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                             |                       |                      |                      |
| 1914, (53,150), . . .                                 | 23.9                  | 64.5                 | 12.6                 | 1914, (10,026), . . .                           | 0.7                   | 74.3                 | 25.0                 |
| 1915, (60,077), . . .                                 | 20.1                  | 67.7                 | 12.2                 | 1915, (9,959), . . .                            | 0.8                   | 73.8                 | 25.4                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                           |                       |                      |                      |
| 1914, (42,325), . . .                                 | 35.4                  | 64.2                 | 0.4                  | 1914, (4,274), . . .                            | 56.2                  | 43.0                 | 0.8                  |
| 1915, (49,001), . . .                                 | 32.0                  | 67.3                 | 0.7                  | 1915, (4,078), . . .                            | 53.0                  | 46.4                 | 0.6                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>    |                       |                      |                      |
| 1914, (10,062), . . .                                 | 82.1                  | 17.9                 | —                    | 1914, (287), . . .                              | 57.9                  | 35.1                 | 7.0                  |
| 1915, (11,281), . . .                                 | 80.0                  | 19.9                 | 0.1                  | 1915, (196), . . .                              | 60.7                  | 39.3                 | —                    |
| <b>Electrical Machinery, Apparatus, and Supplies.</b> |                       |                      |                      | <b>Woolen and Worsted Goods.</b>                |                       |                      |                      |
| <i>Adult Males.</i>                                   |                       |                      |                      | <i>Adult Males.</i>                             |                       |                      |                      |
| 1914, (12,929), . . .                                 | 3.4                   | 51.6                 | 45.0                 | 1914, (30,442), . . .                           | 14.2                  | 67.0                 | 18.8                 |
| 1915, (15,872), . . .                                 | 3.1                   | 48.4                 | 53.5                 | 1915, (32,774), . . .                           | 10.9                  | 68.3                 | 20.8                 |
| <i>Adult Females.</i>                                 |                       |                      |                      | <i>Adult Females.</i>                           |                       |                      |                      |
| 1914, (2,638), . . .                                  | 36.7                  | 62.5                 | 0.8                  | 1914, (20,519), . . .                           | 39.1                  | 57.2                 | 3.7                  |
| 1915, (3,023), . . .                                  | 33.2                  | 65.9                 | 0.9                  | 1915, (22,028), . . .                           | 36.5                  | 59.4                 | 4.1                  |
| <i>Young Persons, under 18 years of age.</i>          |                       |                      |                      | <i>Young Persons, under 18 years of age.</i>    |                       |                      |                      |
| 1914, (1,793), . . .                                  | 47.0                  | 50.6                 | 2.4                  | 1914, (6,399), . . .                            | 84.2                  | 15.8                 | —                    |
| 1915, (1,896), . . .                                  | 52.2                  | 44.8                 | 3.0                  | 1915, (6,231), . . .                            | 82.8                  | 17.0                 | 0.2                  |

<sup>1</sup> Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Taking All Industries as a whole, it is found that of the *adult males*, 6.4 per cent were paid rates less than \$8 per week, 54.7 per cent were paid rates \$8 to \$15, and 38.9 per cent were paid \$15 and over. The corresponding percentages for 1914 were 7.5 per cent, 55.2 per cent, and 37.3 per cent, respectively. A general tendency towards larger representation in the high wage group will be noted, with relatively fewer employees in the low and medium wage classes. Movement from the low into the medium wage group appears also in the case of *adult females* of whom 34.5 per cent were paid rates less than \$8 per week in 1915 as against a corresponding 36.9 per cent in the preceding year. Sixty-one per cent were paid rates ranging from \$8 to \$15, as against 58.8 per cent in 1914, and 4.5 per cent were enrolled in the classes ranging from \$15 up, as compared with 4.3 per cent in 1914. Of the *young persons*, many of whom are necessarily beginners, 79.3 per cent were paid less than \$8 per week, 20.4 per cent \$8 to \$15, and less than one per cent \$15 and over, as compared with 81.1 per cent, 18.6 per cent, and 0.3 per cent, respectively, in the corresponding classes in 1914.

The same tendencies characterizing All Industries are generally exhibited also for each of the principal industries. That is to say, there is a tendency to move from the low into the medium and the high wage groups, special advances being noted in *Foundry and machine-shop products*; and *Woolen and worsted goods*. The data in detail, the numbers being reduced to percentages for the principal industries, are given as follows:

## All Industries.

| SEX AND AGE.                           | Aggre-<br>gates | Un-<br>der<br>\$3 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>but<br>under<br>\$35 | \$35<br>and<br>over |
|--|-----------------|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|
| <b>THE STATE,</b>                      | 703,203         | 141               | 1,760                      | 7,858                      | 21,501                     | 43,587                     | 58,551                     | 68,198                     | 74,299                      | 66,723                       | 46,494                       | 55,908                       | 38,597                       | 29,559                       | 39,384                       | 42,825                       | 43,725                       | 94,882                       | 18,327                       | 21,009              |
| <i>Per cent.</i>                       |                 | 1-                | 0.3                        | 1.1                        | 3.1                        | 6.2                        | 8.3                        | 9.7                        | 10.6                        | 9.5                          | 6.6                          | 7.9                          | 5.5                          | 4.9                          | 5.6                          | 6.1                          | 6.3                          | 8.5                          | 2.6                          | 3.0                 |
| Males (18 years and over),             | 465,655         | 7                 | 91                         | 468                        | 2,409                      | 8,091                      | 19,122                     | 31,511                     | 43,073                      | 43,096                       | 33,004                       | 44,339                       | 32,551                       | 26,661                       | 36,074                       | 40,366                       | 42,196                       | 94,042                       | 17,807                       | 20,737              |
| <i>Per cent.</i>                       |                 | 1-                | 1-                         | 0.1                        | 0.5                        | 1.7                        | 4.1                        | 6.8                        | 9.3                         | 9.4                          | 7.1                          | 9.6                          | 7.0                          | 5.5                          | 7.7                          | 8.6                          | 9.1                          | 5.8                          | 3.8                          | 4.5                 |
| Females (18 years and over),           | 190,077         | 29                | 294                        | 1,937                      | 9,082                      | 23,355                     | 39,306                     | 32,063                     | 28,333                      | 21,863                       | 13,030                       | 10,744                       | 5,829                        | 3,811                        | 3,372                        | 2,509                        | 1,496                        | 836                          | 419                          | 271                 |
| <i>Per cent.</i>                       |                 | 1-                | 0.3                        | 1.0                        | 4.8                        | 12.3                       | 16.8                       | 16.9                       | 14.9                        | 11.5                         | 6.9                          | 5.7                          | 3.1                          | 2.0                          | 1.7                          | 1.3                          | 0.8                          | 0.4                          | 0.8                          | 0.1                 |
| Young persons (under 18 years of age), | 47,471          | 105               | 1,375                      | 5,453                      | 10,010                     | 12,121                     | 8,614                      | 4,624                      | 2,893                       | 1,165                        | 460                          | 320                          | 117                          | 87                           | 38                           | 60                           | 33                           | 4                            | 1                            | 1                   |
| <i>Per cent.</i>                       |                 | 0.3               | 2.9                        | 11.5                       | 21.1                       | 28.5                       | 13.1                       | 9.7                        | 6.1                         | 2.5                          | 1.0                          | 0.7                          | 0.2                          | 0.2                          | 0.1                          | 0.1                          | 0.1                          | 1-                           | 1-                           | 1-                  |

## Boots and Shoes (Exclusive of Out Stock and Findings).

| Totals,                                | 14    | 249 | 709 | 1,758 | 2,704 | 4,327 | 5,102 | 7,233 | 6,920 | 5,539 | 7,301 | 6,004 | 5,016 | 6,741 | 7,554 | 7,840 | 5,132 | 4,211 | 6,094 |
|--|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <i>Per cent.</i>                       | 1-    | 0.3 | 0.8 | 1.9   | 4.0   | 4.9   | 5.8   | 7.9   | 7.5   | 6.0   | 8.0   | 6.6   | 5.6   | 7.4   | 8.3   | 8.6   | 5.6   | 4.6   | 6.8   |
| Males (18 years and over),             | -     | 19  | 54  | 242   | 895   | 1,304 | 1,579 | 2,764 | 3,016 | 2,749 | 4,304 | 3,844 | 3,504 | 5,327 | 6,260 | 7,037 | 4,633 | 4,004 | 5,985 |
| <i>Per cent.</i>                       | -     | 1-  | 0.1 | 0.4   | 1.6   | 3.3   | 3.7   | 4.8   | 6.8   | 4.8   | 7.5   | 6.7   | 6.1   | 9.1   | 10.9  | 12.8  | 8.8   | 7.0   | 10.4  |
| Females (18 years and over),           | 3     | 63  | 163 | 552   | 1,458 | 2,220 | 2,993 | 3,807 | 3,683 | 2,664 | 2,968 | 2,117 | 1,480 | 1,505 | 1,285 | 800   | 446   | 207   | 108   |
| <i>Per cent.</i>                       | 1-    | 0.3 | 0.6 | 3.0   | 5.8   | 7.8   | 10.3  | 13.6  | 12.9  | 9.4   | 10.1  | 7.6   | 5.8   | 6.3   | 4.5   | 3.8   | 1.6   | 0.7   | 0.4   |
| Young persons (under 18 years of age), | 5,867 | 12  | 167 | 487   | 964   | 1,351 | 1,003 | 662   | 246   | 126   | 129   | 43    | 32    | 9     | 9     | 3     | 3     | -     | 1     |
| <i>Per cent.</i>                       | 0.3   | 2.8 | 8.3 | 16.4  | 23.0  | 17.1  | 10.8  | 11.3  | 4.8   | 2.1   | 2.8   | 0.7   | 0.6   | 0.3   | 0.3   | 0.1   | 0.1   | -     | 1-    |

**Cotton Goods (Including Cotton Small Wares).**

|  |     |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
|--|-----|-----|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| Totals,                                | 51  | 479 | 1,966 | 4,633 | 10,892 | 18,473 | 20,720 | 17,421 | 13,289 | 9,235 | 7,094 | 4,706 | 3,450 | 2,337 | 1,964 | 1,089 | 531 | 414 | 657 |
| Per cent,                              | 1-  | 0.4 | 1.6   | 4.1   | 9.1    | 16.4   | 17.8   | 14.5   | 11.0   | 7.7   | 5.9   | 3.9   | 3.9   | 3.4   | 1.6   | 0.9   | 0.5 | 0.3 | 0.6 |
| Males (18 years and over),             | 6   | 9   | 99    | 774   | 3,013  | 8,133  | 9,720  | 7,643  | 6,500  | 5,370 | 4,519 | 3,725 | 2,971 | 2,701 | 1,869 | 1,069 | 560 | 414 | 657 |
| Per cent,                              | 1-  | 1-  | 0.3   | 1.3   | 5.0    | 13.6   | 16.8   | 12.7   | 10.3   | 8.9   | 8.0   | 6.3   | 4.9   | 4.5   | 3.1   | 1.8   | 1.0 | 0.7 | 1.1 |
| Females (18 years and over),           | 8   | 51  | 360   | 1,724 | 5,394  | 8,154  | 9,336  | 9,147  | 6,499  | 3,774 | 2,333 | 971   | 475   | 324   | 91    | 19    | 1-  | -   | -   |
| Per cent,                              | 1-  | 0.1 | 0.7   | 3.5   | 11.0   | 16.7   | 20.1   | 13.7   | 13.3   | 7.7   | 4.5   | 3.0   | 1.0   | 0.5   | 0.3   | 1-    | 1-  | -   | -   |
| Young persons (under 18 years of age), | 37  | 419 | 1,510 | 2,440 | 2,435  | 2,151  | 1,164  | 631    | 290    | 91    | 42    | 10    | 4     | 2     | 4     | 1     | -   | -   | -   |
| Per cent,                              | 100 | 0.3 | 5.7   | 13.4  | 21.6   | 23.0   | 10.3   | 5.6    | 3.6    | 0.8   | 0.4   | 0.1   | 0.1   | 1-    | 0.1   | 1-    | -   | -   | -   |

**Electrical Machinery, Apparatus, and Supplies.**

|  | 20,791 | - | 14  | 70  | 666  | 870  | 1,463 | 1,920 | 1,484 | 1,263 | 1,268 | 1,265 | 1,063 | 1,207 | 2,523 | 1,940 | 1,091 | 1,008 | 788 |
|--|--------|---|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Totals, . . . . .                                | 20,791 | - | 14  | 70  | 666  | 870  | 1,463 | 1,920 | 1,484 | 1,263 | 1,268 | 1,265 | 1,063 | 1,207 | 2,523 | 1,940 | 1,091 | 1,008 | 788 |
| Per cent, . . . . .                              | 100    | - | 0.1 | 0.3 | 3.2  | 4.3  | 7.0   | 9.3   | 7.1   | 6.2   | 6.2   | 6.1   | 5.0   | 5.8   | 12.1  | 9.3   | 5.3   | 4.9   | 3.8 |
| Males (18 years and over), . . . . .             | 15,872 | - | -   | 7   | 118  | 146  | 235   | 494   | 1,066 | 971   | 1,019 | 1,161 | 1,007 | 1,181 | 2,489 | 1,917 | 1,090 | 1,008 | 788 |
| Per cent, . . . . .                              | 100    | - | -   | 1-  | 0.7  | 0.9  | 1.5   | 3.1   | 6.7   | 6.1   | 6.4   | 7.3   | 6.3   | 7.4   | 15.7  | 12.1  | 6.9   | 6.4   | 5.0 |
| Females (18 years and over), . . . . .           | 3,023  | - | -   | 3   | 229  | 412  | 360   | 571   | 584   | 417   | 223   | 115   | 66    | 17    | 10    | -     | 1     | -     | -   |
| Per cent, . . . . .                              | 100    | - | -   | 0.1 | 7.6  | 18.6 | 11.9  | 18.9  | 19.5  | 13.8  | 7.3   | 3.8   | 2.2   | 0.6   | 0.3   | -     | 1-    | -     | -   |
| Young persons (under 18 years of age), . . . . . | 1,896  | - | 14  | 61  | 310  | 312  | 285   | 397   | 280   | 96    | 41    | 13    | 14    | 9     | 24    | 23    | -     | -     | -   |
| Per cent, . . . . .                              | 100    | - | 0.7 | 3.8 | 16.3 | 16.5 | 15.0  | 20.9  | 14.8  | 5.1   | 2.9   | 0.8   | 0.7   | 0.5   | 1.3   | 1.3   | -     | -     | -   |

Less than one-tenth of one per cent.





## Paper and Wood Pulp.

|  |   |   |   |   |   |        |   |   |     |     |      |       |       |       |       |       |       |     |     |     |     |     |     |     |     |
|--|---|---|---|---|---|--------|---|---|-----|-----|------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Totals,                                | . | . | . | . | . | 14,323 | - | - | 19  | 72  | 978  | 1,292 | 1,063 | 2,216 | 2,267 | 1,269 | 1,326 | 681 | 429 | 544 | 573 | 798 | 297 | 193 | 161 |
| Per cent,                              | . | . | . | . | . | 100    | - | - | 0.1 | 0.6 | 6.8  | 9.1   | 7.4   | 16.6  | 16.9  | 8.9   | 10.0  | 4.8 | 3.0 | 3.8 | 4.0 | 6.6 | 3.1 | 1.4 | 1.1 |
| Males (18 years and over),             | . | . | . | . | . | 9,959  | - | - | -   | 1   | 19   | 55    | 105   | 1,479 | 2,103 | 1,199 | 1,389 | 660 | 419 | 537 | 564 | 798 | 297 | 193 | 161 |
| Per cent,                              | . | . | . | . | . | 100    | - | - | -   | -   | 0.3  | 0.6   | 1.1   | 14.9  | 21.1  | 12.0  | 13.9  | 6.6 | 4.2 | 5.3 | 6.7 | 7.9 | 3.0 | 1.9 | 1.6 |
| Females (18 years and over),           | . | . | . | . | . | 4,078  | - | - | 10  | 60  | 911  | 1,181 | 904   | 713   | 160   | 69    | 34    | 20  | 10  | 17  | 9   | -   | -   | -   | -   |
| Per cent,                              | . | . | . | . | . | 100    | - | - | 0.8 | 1.6 | 23.3 | 29.0  | 23.2  | 17.5  | 3.7   | 1.6   | 0.3   | 0.6 | 0.3 | 0.4 | 0.3 | -   | -   | -   | -   |
| Young persons (under 18 years of age), | . | . | . | . | . | 196    | - | - | 9   | 11  | 43   | 56    | 44    | 24    | 4     | 1     | 3     | 1   | -   | -   | -   | -   | -   | -   | -   |
| Per cent,                              | . | . | . | . | . | 100    | - | - | 4.6 | 6.6 | 21.9 | 23.6  | 23.6  | 12.3  | 2.0   | 0.6   | 1.5   | 0.6 | -   | -   | -   | -   | -   | -   | -   |

**Slaughtering and Meat Packing, including Sausage.**

[illegible]

\* Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Less than one-tenth of one per cent.

# THE UNIVERSITY OF CHICAGO

Woolen and Worsted Goods.

| Sex and Age.                           | Aggre-<br>gates | Un-<br>der<br>\$3 | \$4                 |     | \$5                 |       | \$6                 |       | \$7                 |       | \$8                 |       | \$9                 |       | \$10                 |       | \$11                 |      | \$12                 |      | \$13                 |      | \$14                 |      | \$15                 |      | \$16                 |      | \$17                 |      | \$18                 |      | \$19                 |      | \$20                 |      | \$25                 |      | \$35                 |      |
|--|-----------------|-------------------|---------------------|-----|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|----------------------|-------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|
|  |                 |                   | but<br>under<br>\$4 | \$4 | but<br>under<br>\$5 | \$5   | but<br>under<br>\$6 | \$6   | but<br>under<br>\$7 | \$7   | but<br>under<br>\$8 | \$8   | but<br>under<br>\$9 | \$9   | but<br>under<br>\$10 | \$10  | but<br>under<br>\$11 | \$11 | but<br>under<br>\$12 | \$12 | but<br>under<br>\$13 | \$13 | but<br>under<br>\$14 | \$14 | but<br>under<br>\$15 | \$15 | but<br>under<br>\$16 | \$16 | but<br>under<br>\$17 | \$17 | but<br>under<br>\$18 | \$18 | but<br>under<br>\$19 | \$19 | but<br>under<br>\$20 | \$20 | but<br>under<br>\$25 | \$25 | but<br>under<br>\$35 | \$35 |
| Totals,                                |                 | 7                 | 87                  | 396 | 1,468               | 6,420 | 8,364               | 9,914 | 7,304               | 5,128 | 4,281               | 4,395 | 2,976               | 2,640 | 2,472                | 2,320 | 1,864                | 589  | 302                  | 326  |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Per cent,                              |                 | 1-                | 0.1                 | 0.7 | 2.4                 | 10.5  | 13.7                | 16.8  | 11.3                | 8.4   | 7.0                 | 7.3   | 4.9                 | 4.3   | 4.1                  | 3.7   | 3.1                  | 0.9  | 0.5                  | 0.5  |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Males (18 years and over),             |                 | -                 | 2                   | 18  | 98                  | 918   | 2,503               | 5,530 | 4,194               | 2,883 | 2,687               | 2,064 | 2,137               | 1,998 | 2,039                | 1,907 | 1,760                | 538  | 291                  | 325  |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Per cent,                              |                 | -                 | 1-                  | 0.1 | 0.3                 | 3.8   | 7.7                 | 16.9  | 19.3                | 8.8   | 8.8                 | 9.0   | 6.5                 | 6.1   | 6.2                  | 5.8   | 5.3                  | 1.6  | 0.9                  | 1.0  |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Females (18 years and over),           |                 | -                 | 5                   | 53  | 405                 | 3,330 | 4,260               | 3,331 | 2,716               | 2,141 | 1,552               | 1,414 | 817                 | 626   | 426                  | 319   | 112                  | 31   | 11                   | 1    |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Per cent,                              |                 | -                 | 1-                  | 0.8 | 1.9                 | 15.1  | 19.3                | 17.4  | 19.3                | 9.7   | 7.1                 | 6.4   | 3.7                 | 3.8   | 1.9                  | 1.5   | 0.6                  | 0.1  | 0.1                  | 1-   |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Young persons (under 18 years of age), |                 | 6,231             | 7                   | 80  | 336                 | 965   | 2,172               | 1,609 | 533                 | 104   | 43                  | 27    | 22                  | 17    | 7                    | 4     | 2                    | -    | -                    | -    |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |
| Per cent,                              |                 | 100               | 0.1                 | 1.3 | 5.2                 | 15.5  | 34.9                | 25.8  | 8.9                 | 1.7   | 0.7                 | 0.4   | 0.3                 | 0.3   | 0.1                  | 0.1   | 1-                   | -    | -                    | -    |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |                      |      |

## DAYS IN OPERATION.

The average number of days in operation is given in Table VI, pages 120 to 123. For All Industries the running time in 1915 was 286.6 days, the possible number of working days, exclusive of 52 Sundays and eight holidays being 305. Of the principal industries, *Foundry and machine-shop products* exhibits the highest running time, 293.6. In *Boots and shoes*, the average was lower than for the State as a whole, amounting to 278.7. The number of days in operation in *Cotton goods* was 282.8; in *Electrical machinery, apparatus, and supplies*, 287.9; *Leather, tanned, curried, and finished*, 284.4; *Paper and wood pulp*, 255.7; *Woolen and worsted goods*, 281.8.

Of the nine principal manufacturing cities in the State, establishments in *Boston* were operated 292.6 days; *Worcester*, 290.7; *Lawrence*, 295.7; *Lynn*, 291.4; *New Bedford*, 293.7; *Fall River*, 295.6; *Lowell*, 295; *Cambridge*, 295.2; and *Brockton*, 293.5.

## LAUNDRIES.

The statistics for laundries will be found in Table VII, pages 127 to 130. The data include all laundries operated by power, whether steam or electric, the number reporting in 1915 being 376, with an aggregate value of work done for the year of \$8,675,570, only slightly in advance of the amount for 1914, when the volume was \$8,661,830. Of this total, the work done by general laundries in 1915 amounted to \$7,445,705 and by laundries whose work was exclusively wet wash, \$1,229,865.. The average number of wage earners for the year exhibits a slight decline — 7,757 in 1915 and 7,771 in 1914 — while the amount paid in wages, on the contrary, shows advance from \$3,721,409 to \$3,978,761. It will be noted that the decline in the number of wage earners is accompanied by an increase in capital invested, the tendency, as in all new industries, being towards the invention of labor saving devices in machinery and plant equipment, the increase in investment being from \$2,951,025 in 1909 to \$5,037,974 in 1915, or 70.7 per cent. The development of the industry since 1909 is remarkable, the volume of business increasing in the six years from \$5,754,572 to \$8,675,570, an advance of approximately 51 per cent.

The aggregates for 1909, 1913, 1914, and 1915 appear as follows: —

| LAUNDRIES.                          | 1915        | 1914        | 1913        | 1909        |
|-------------------------------------|-------------|-------------|-------------|-------------|
| Number of establishments, . . .     | 376         | 391         | 377         | 290         |
| Capital invested, . . . . .         | \$5,037,974 | \$4,995,798 | \$4,542,313 | \$2,951,025 |
| Stock used, . . . . .               | \$1,413,801 | \$1,391,900 | \$1,259,655 | \$908,945   |
| Average number of wage-earners, . . | 7,757       | 7,771       | 8,160       | 5,968       |
| Wages paid, . . . . .               | \$3,978,761 | \$3,721,400 | \$3,884,570 | \$2,532,593 |
| Value of work done, . . . . .       | \$8,675,570 | \$8,661,330 | \$8,781,826 | \$5,754,572 |

#### CONCLUSION.

We are accustomed to accept progress as a normal condition in industry and to assume as a matter of course, that "each to-morrow find us farther than to-day" — and we are, therefore, hardly prepared to find, on summing up results, that in the extraordinary conditions which have confronted us during the last two years, the regular increment of progress in some of our manufacturing industries is conspicuously absent. Moreover, in 1915, the resourcefulness of every manufacturer was called into the account in order to maintain his relative ranking, and were it not for the external stimulus of war orders, and the unusual demand for our goods abroad, industry in Massachusetts would have been practically stationary, except for the new record registered for Foundry and machine-shop products, — directly traceable to the same source. The opportunity thus afforded, however, for insight into this, the only field which has hitherto escaped close attention, namely, the export market, certainly ought, now that the initial steps have been taken, to result in a development of commerce which will make goods of Massachusetts manufacture known and appreciated in every market of the world.

CHARLES F. GETTEMY,

*Director, Bureau of Statistics.*

STATE HOUSE, BOSTON, March 31, 1917.

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**TABULAR PRESENTATIONS.**  
**1915.**

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TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915.

## A. THE STATE: BY INDUSTRIES.

| Industries.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |                 |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|-----------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |                 |
|  |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |                 |
|  |  |                     |   |  |                               | Both<br>Sexes         |         |                    |                    |                     |                 |
| THE STATE.   |  |                     |   |  |                               |                       |         |                    |                    |                     |                 |
|  | 9,797                                      | \$1,559,999,995     | \$959,962,487                                 | \$346,243,472                                    | \$589.61                      | 413,017               | 183,331 | 596,348            | 489,173            | 707,324             | \$1,632,445,366 |
| Agricultural implements, . . . . .                 | 4  | 852,210             | 280,024                                       | 229,545  | 708.47                        | 324                   | -       | 324                | 232                | 469                 | 643,626         |
| Artificial limbs, . . . . .                        | 6  | 25,121              | 11,344  | 17,237   | 662.96                        | 24                    | 2       | 26                 | 23                 | 28                  | 40,131          |
| Artificial stone products, . . . . .               | 36   | 628,429             | 166,806                                       | 261,180  | 746.23                        | 350                   | -       | 350                | 220                | 481                 | 571,407         |
| Automobiles, including bodies and parts, . . . . . | 75   | 7,825,497           | 4,498,096                                     | 2,969,947  | 778.49                        | 3,778                 | 37      | 3,815              | 2,460              | 5,327               | 9,584,405       |
| Awnings, tents, and sails, . . . . .               | 53   | 463,748             | 521,764                                       | 224,201  | 633.62                        | 236                   | 118     | 354                | 237                | 544                 | 1,010,910       |
| Baskets, and rattan and willow ware, . . . . .     | 13   | 273,217             | 124,806                                       | 99,224   | 508.84                        | 178                   | 17      | 195                | 109                | 214                 | 306,674         |
| Belting, leather, . . . . .                        | 18   | 7,948,451           | 8,432,470                                     | 983,249  | 718.02                        | 1,306                 | 62      | 1,368              | 1,237              | 1,586               | 11,045,095      |
| Belting and hose, woven, . . . . .                 | 6  | 1,172,515           | 665,496                                       | 111,708  | 572.86                        | 124                   | 71      | 195                | 158                | 242                 | 1,060,686       |
| Billiard tables and materials, . . . . .           | 6  | 120,700             | 85,337  | 27,772   | 816.82                        | 34                    | -       | 34                 | 33                 | 36                  | 164,286         |
| Blacking, stains, and dressings, . . . . .         | 48   | 1,429,862           | 1,777,195                                     | 268,806  | 594.70                        | 255                   | 197     | 452                | 369                | 547                 | 3,283,017       |
| Bookbinding and blank-book making, . . . . .       | 83   | 3,862,497           | 1,445,740                                     | 1,671,075  | 582.46                        | 1,553                 | 1,316   | 2,869              | 2,623              | 3,321               | 4,394,284       |
| Boot and shoe cut stock and findings, . . . . .    | 402  | 25,062,891          | 48,004,345                                    | 4,302,092  | 544.29                        | 9,393                 | 2,371   | 7,904              | 6,026              | 10,327              | 96,585,701      |
| Boots and shoes, . . . . .                         | 444  | 95,701,987          | 123,977,758                                   | 45,335,273                                       | 698.00                        | 48,876                | 25,672  | 74,548             | 55,999             | 93,268              | 204,042,623     |
| Boots and shoes, rubber, . . . . .                 | 8  | 23,184,118          | 12,279,844                                    | 6,146,536  | 554.94                        | 5,244                 | 4,080   | 9,274              | 7,969              | 10,387              | 27,414,901      |
| Boxes, cigar, . . . . .                            | 5  | 263,568             | 150,919                                       | 90,777   | 507.13                        | 87                    | 92      | 179                | 166                | 192                 | 323,432         |
| Boxes, fancy and paper, . . . . .                  | 94   | 4,333,528           | 3,371,165                                     | 1,854,983  | 462.86                        | 1,464                 | 2,548   | 4,012              | 3,499              | 4,039               | 7,096,803       |
| Boxes, wooden packing, . . . . .                   | 96   | 6,800,626           | 5,047,710                                     | 1,832,514  | 568.05                        | 2,979                 | 247     | 3,226              | 2,792              | 3,737               | 8,316,232       |

|  |       |            |            |           |        |       |       |       |       |       |            |
|--|-------|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Braz, brouse, and copper products, . . .   | 61    | 4,801,370  | 7,043,531  | 1,373,083 | 704.49 | 1,915 | 34    | 1,949 | 1,558 | 3,249 | 10,330,990 |
| Bread and other bakery products, . . .   | 1,068 | 12,370,844 | 17,778,404 | 4,484,464 | 677.10 | 5,002 | 931   | 6,033 | 6,480 | 7,397 | 30,963,763 |
| Brick and tile, . . . . .  | 44    | 2,533,522  | 395,054    | 888,029   | 581.06 | 994   | 18    | 1,012 | 467   | 1,724 | 1,346,783  |
| Brooms, . . . . .  | 20    | 208,763    | 222,991    | 58,613    | 518.70 | 108   | 7     | 113   | 97    | 126   | 372,025    |
| Brushes, . . . . .   | 29    | 3,391,660  | 1,337,417  | 661,533   | 549.90 | 630   | 573   | 1,308 | 1,060 | 1,411 | 3,378,549  |
| Butter, . . . . .  | 16    | 138,337    | 537,810    | 27,151    | 733.81 | 37    | -     | 37    | 37    | 40    | 701,918    |
| Buttons, . . . . .   | 12    | 1,106,407  | 314,994    | 280,889   | 437.83 | 233   | 404   | 657   | 416   | 838   | 806,068    |
| Canning and preserving, . . . . .  | 58    | 4,911,738  | 6,072,680  | 920,075   | 585.86 | 1,326 | 391   | 1,717 | 1,318 | 2,318 | 8,411,766  |
| Carpets and rugs, other than rag, . . .  | 13    | 13,660,873 | 5,906,323  | 2,366,830 | 510.27 | 2,764 | 1,884 | 4,683 | 3,353 | 5,707 | 9,547,168  |
| Carpets, rag, . . . . .  | 21    | 61,438     | 30,041     | 55,700    | 561.80 | 99    | 12    | 111   | 81    | 135   | 156,039    |
| Carriages and sleds, children's, . . .   | 8     | 1,716,494  | 1,239,337  | 680,464   | 602.71 | 1,008 | 121   | 1,129 | 860   | 1,333 | 2,476,266  |
| Carriages and wagons, and materials, .   | 119   | 2,688,486  | 960,135    | 830,039   | 738.92 | 1,110 | 1     | 1,111 | 905   | 1,348 | 2,376,734  |
| Cars and general shop construction and re-<br>pairs by steam-railroad companies, . . | 11    | 8,974,766  | 4,712,002  | 4,303,396 | 687.13 | 6,234 | 15    | 6,249 | 5,337 | 6,543 | 9,006,498  |
| Chemicals, . . . . .   | 26    | 9,766,843  | 4,353,306  | 1,142,245 | 654.28 | 1,638 | 108   | 1,746 | 1,201 | 2,440 | 8,854,802  |
| Cleaning and polishing preparations, .   | 17    | 281,804    | 263,308    | 42,266    | 651.78 | 51    | 14    | 65    | 66    | 80    | 607,396    |
| Cloth, sponging and refinishing, . . .   | 4     | 26,711     | 2,760      | 31,311    | 723.98 | 44    | -     | 44    | 39    | 48    | 64,023     |
| Clothing, men's, . . . . .   | 196   | 8,102,974  | 8,090,044  | 2,948,135 | 572.01 | 2,485 | 2,008 | 5,154 | 4,107 | 6,145 | 16,500,266 |
| Clothing, women's, . . . . .   | 167   | 4,376,963  | 6,036,706  | 2,609,996 | 512.04 | 1,374 | 2,999 | 5,373 | 3,713 | 6,748 | 12,474,683 |
| Coffee and spices, roasting and grinding, .  | 20    | 2,940,201  | 6,337,450  | 285,714   | 639.18 | 273   | 175   | 447   | 431   | 468   | 8,714,832  |
| Coffins, burial cases, and undertakers' goods, .                                     | 12    | 1,000,890  | 520,891    | 235,559   | 656.15 | 317   | 43    | 359   | 341   | 381   | 1,037,002  |
| Combs and hairpins, . . . . .  | 31    | 1,967,499  | 1,968,063  | 1,068,506 | 613.45 | 1,613 | 697   | 2,130 | 1,639 | 2,661 | 3,768,558  |
| Confectionery and ice cream, . . . . .   | 280   | 11,971,866 | 14,610,860 | 3,818,333 | 451.17 | 2,881 | 5,129 | 7,444 | 5,378 | 9,416 | 24,077,691 |
| Confectionery, . . . . .   | 121   | 10,924,205 | 12,101,851 | 2,887,499 | 412.15 | 1,899 | 5,107 | 7,005 | 5,240 | 8,784 | 21,387,729 |
| Ice cream, . . . . .   | 99    | 1,047,000  | 1,508,999  | 326,433   | 728.65 | 433   | 16    | 448   | 238   | 631   | 2,689,863  |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |               |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|---------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |               |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |                     | Both<br>Sexes |
| The State — Continued.  |  |                     |   |  |                               |                       |         |                    |                    |                     |               |
| Cooperage, . . . . .  | 36   | \$1,500,506         | \$1,053,580                                   | \$449,360  | \$58.94                       | 763                   | -       | 763                | 667                | 876                 | \$1,728,833   |
| Copper, tin, and sheet-iron products, . . . . .                           | 126  | 4,943,698           | 4,197,764                                     | 1,835,394  | 692.95                        | 2,336                 | 98      | 2,334              | 2,063              | 3,222               | 8,783,677     |
| Cordage and twine, and jute goods, . . . . .                              | 14   | 19,400,431          | 10,790,537                                    | 2,104,509  | 407.13                        | 2,129                 | 2,085   | 5,174              | 4,661              | 5,946               | 16,438,633    |
| Cornets, . . . . .  | 11   | 3,851,944           | 2,359,895                                     | 1,004,676  | 410.41                        | 308                   | 2,160   | 2,448              | 1,963              | 2,794               | 4,980,494     |
| Cotton goods, . . . . .   | 174  | 261,008,364         | 109,014,375                                   | 51,959,961                                       | 463.01                        | 60,632                | 51,889  | 112,321            | 102,367            | 119,443             | 198,720,991   |
| Cotton small wares, . . . . .   | 23   | 1,833,665           | 1,076,415                                     | 435,726  | 434.86                        | 402                   | 600     | 1,002              | 792                | 1,264               | 1,863,543     |
| Cutlery and tools, not elsewhere specified, . . . . .                     | 140  | 22,118,750          | 4,060,390                                     | 4,357,607  | 647.49                        | 6,033                 | 668     | 6,720              | 5,072              | 7,913               | 15,047,760    |
| Dental goods, . . . . .   | 7  | 107,404             | 457,982                                       | 29,655   | 581.47                        | 40                    | 11      | 51                 | 50                 | 53                  | 544,966       |
| Dyeing and finishing textiles, . . . . .                                  | 56   | 43,199,705          | 16,020,756                                    | 6,313,943  | 535.92                        | 9,489                 | 2,106   | 11,695             | 10,353             | 12,276              | 20,663,898    |
| Dyestuffs and extracts, . . . . .   | 15   | 857,307             | 1,322,775                                     | 100,768  | 704.80                        | 140                   | 3       | 143                | 120                | 133                 | 1,876,103     |
| Electrical machinery, apparatus, and sup-<br>plies, . . . . .             | 90   | 32,050,196          | 18,668,951                                    | 11,568,027                                       | 668.09                        | 13,951                | 3,391   | 17,342             | 14,540             | 21,119              | 43,335,337    |
| Electroplating, . . . . .   | 45   | 220,609             | 121,716                                       | 163,077  | 668.35                        | 224                   | 10      | 244                | 106                | 300                 | 419,781       |
| Enameling and japanning, . . . . .  | 13   | 187,113             | 113,936                                       | 74,875   | 523.80                        | 99                    | 44      | 143                | 110                | 173                 | 261,130       |
| Engraving and die-sinking, . . . . .                                      | 29   | 156,507             | 38,090  | 116,339  | 782.14                        | 141                   | 8       | 149                | 135                | 175                 | 261,211       |
| Engraving, steel and copper plate, including<br>plate printing, . . . . . | 17   | 356,717             | 151,751                                       | 369,308  | 729.83                        | 230                   | 139     | 269                | 231                | 440                 | 650,671       |
| Envelopes, . . . . .  | 13   | 5,495,810           | 2,292,990                                     | 994,371  | 507.07                        | 640                   | 1,368   | 1,961              | 1,766              | 2,138               | 8,701,481     |
| Fancy articles, not elsewhere specified, . . . . .                        | 17   | 939,218             | 422,467                                       | 363,109  | 460.66                        | 373                   | 399     | 771                | 603                | 1,011               | 1,099,467     |

|   |     |             |            |            |        |        |       |        |        |        |            |
|---|-----|-------------|------------|------------|--------|--------|-------|--------|--------|--------|------------|
| Felt goods, . . . . .   | 13  | 2,227,197   | 1,044,769  | 435,889    | 546.45 | 637    | 122   | 779    | 570    | 945    | 3,077,285  |
| Firearms, . . . . .   | 6   | 7,997,479   | 1,001,826  | 1,846,003  | 773.35 | 2,377  | 14    | 2,391  | 1,311  | 3,617  | 2,322,336  |
| Flavoring extracts, . . . . .                                       | 21  | 672,207     | 509,002    | 57,331     | 511.88 | 47     | 65    | 112    | 98     | 129    | 1,198,154  |
| Flour-mill and gristmill products, . . . . .                        | 83  | 2,368,415   | 3,480,334  | 84,067     | 642.10 | 127    | -     | 127    | 126    | 130    | 3,736,085  |
| Food preparations, . . . . .  | 39  | 1,405,796   | 1,831,514  | 255,239    | 609.40 | 323    | 96    | 410    | 318    | 614    | 2,747,847  |
| Foundry and machine-shop products, . . . . .                        | 645 | 106,507,782 | 39,877,313 | 27,997,994 | 735.90 | 38,059 | 556   | 38,588 | 28,678 | 49,925 | 87,344,453 |
| Fur goods, . . . . .  | 13  | 339,541     | 328,314    | 131,047    | 907.98 | 71     | 74    | 145    | 73     | 224    | 676,631    |
| Furnishing goods, men's, . . . . .                                  | 12  | 598,499     | 816,645    | 168,335    | 431.90 | 76     | 314   | 390    | 294    | 431    | 1,304,880  |
| Furniture, . . . . .  | 119 | 19,947,471  | 5,098,744  | 3,507,619  | 587.56 | 5,548  | 577   | 6,128  | 5,189  | 7,124  | 19,027,258 |
| Galvanizing, . . . . .  | 3   | 30,417      | 26,900     | 8,753      | 796.73 | 11     | -     | 11     | 8      | 15     | 42,108     |
| Gas and electric fixtures, . . . . .                                | 14  | 240,247     | 173,683    | 96,887     | 706.90 | 135    | 2     | 127    | 118    | 169    | 408,773    |
| Gas, illuminating and heating, . . . . .                            | 50  | 66,833,681  | 5,309,574  | 1,708,390  | 753.46 | 2,347  | -     | 2,347  | 2,029  | 2,712  | 15,643,115 |
| Glass, cutting, staining, and ornamenting, . . . . .                | 31  | 213,377     | 92,555     | 138,245    | 731.46 | 183    | 7     | 189    | 153    | 245    | 337,468    |
| Glue, . . . . .   | 9   | 2,655,515   | 1,498,460  | 290,155    | 516.29 | 433    | 129   | 583    | 393    | 657    | 2,442,533  |
| Gold and silver, leaf and foil, . . . . .                           | 10  | 117,974     | 100,373    | 57,649     | 538.76 | 53     | 54    | 107    | 96     | 125    | 186,143    |
| Gold and silver, reducing and refining, not from the ore, . . . . . | 6   | 132,070     | 187,153    | 15,103     | 539.06 | 18     | -     | 13     | 17     | 18     | 236,439    |
| Grease and tallow, . . . . .  | 33  | 2,310,218   | 1,854,405  | 420,982    | 698.77 | 608    | 5     | 613    | 579    | 674    | 2,797,947  |
| Hand stamps and stencils and brands, . . . . .                      | 22  | 133,062     | 53,177     | 66,768     | 696.50 | 85     | 11    | 96     | 87     | 106    | 233,668    |
| Hardware, . . . . .   | 38  | 3,357,325   | 1,012,329  | 830,868    | 635.24 | 1,318  | 90    | 1,306  | 1,063  | 1,624  | 2,310,175  |
| Hats and caps, other than felt, straw, and wool, . . . . .          | 26  | 280,596     | 355,333    | 182,023    | 636.44 | 174    | 83    | 256    | 204    | 306    | 756,184    |
| Hats, fur-felt, . . . . .   | 6   | 1,318,273   | 756,500    | 489,363    | 511.88 | 536    | 420   | 966    | 863    | 1,055  | 1,625,788  |
| Hats, straw, . . . . .  | 21  | 2,680,373   | 2,645,243  | 1,339,467  | 578.53 | 836    | 1,463 | 2,368  | 861    | 4,136  | 4,315,768  |
| Hosiery and knit goods, . . . . .                                   | 59  | 16,067,277  | 9,373,037  | 4,501,715  | 456.29 | 2,398  | 6,473 | 9,866  | 8,391  | 11,045 | 17,215,247 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 A. THE STATE: BY INDUSTRIES — Continued.

| Industries.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |  |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|--|
|  |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |  |
|  |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |  |
|  |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| The State — Continued.   |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| House-furnishing goods, not elsewhere speci-<br>fied, . . . . .  | 23   | \$1,073,249         | \$771,051                                     | \$314,916  | \$331.35                      | 388                   | 216     | 604           | 487                | 731                | \$1,374,399         |  |
| Ice, manufactured, . . . . .   | 7  | 361,728             | 81,395  | 33,992   | 847.65                        | 46                    | -       | 46            | 34                 | 57                 | 187,355             |  |
| Instruments, professional and scientific, . . . . .  | 21   | 1,111,484           | 415,189                                       | 408,861  | 709.83                        | 511                   | 65      | 576           | 416                | 731                | 1,324,045           |  |
| Iron and steel, steel works and rolling mills, . . . . .   | 11   | 12,900,397          | 10,901,399                                    | 2,116,486  | 763.53                        | 2,685                 | 87      | 2,772         | 2,060              | 3,351              | 13,364,083          |  |
| Iron and steel, bolts, nuts, washers, and<br>rivets, not made in steel works or rolling<br>mills, . . . . .                        | 8  | 2,400,343           | 1,255,135                                     | 783,989  | 641.79                        | 897                   | 323     | 1,220         | 1,063              | 1,287              | 2,655,713           |  |
| Iron and steel forgings, . . . . .   | 11   | 2,638,651           | 1,607,248                                     | 785,387  | 914.19                        | 832                   | 37      | 869           | 687                | 1,127              | 3,827,698           |  |
| Iron and steel, nails and spikes, cut and<br>wrought, including wire nails, not made<br>in steel works or rolling mills, . . . . . | 27   | 2,780,571           | 1,840,175                                     | 798,461  | 590.41                        | 1,019                 | 326     | 1,265         | 1,197              | 1,569              | 3,477,720           |  |
| Jewelry, . . . . .   | 139  | 14,318,626          | 6,321,543                                     | 3,260,977  | 639.90                        | 2,480                 | 1,667   | 5,177         | 4,004              | 6,706              | 13,170,865          |  |
| Jewelry and instrument cases, . . . . .  | 10   | 504,373             | 182,842                                       | 144,596  | 435.28                        | 110                   | 280     | 340           | 267                | 381                | 531,453             |  |
| Labels and tags, . . . . .   | 6  | 68,972              | 44,389  | 17,640   | 678.46                        | 16                    | 10      | 26            | 24                 | 30                 | 143,696             |  |
| Lamps and reflectors, . . . . .  | 6  | 842,339             | 560,086                                       | 206,128  | 712.25                        | 267                   | 33      | 289           | 223                | 363                | 1,043,706           |  |
| Lenses, . . . . .  | 33   | 2,009,169           | 536,178                                       | 633,391  | 780.78                        | 799                   | 11      | 810           | 644                | 1,086              | 1,860,852           |  |
| Leather goods, not elsewhere specified, . . . . .  | 37   | 549,647             | 553,970                                       | 174,899  | 456.66                        | 191                   | 192     | 383           | 256                | 544                | 944,968             |  |

|  |     |            |            |           |        |        |       |        |        |        |            |
|--|-----|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Leather, tanned, curried, and finished,                          | 122 | 41,082,619 | 30,120,290 | 5,981,472 | 587.28 | 10,061 | 124   | 10,185 | 7,984  | 12,908 | 45,382,268 |
| Lime, . . . . .  | 10  | 914,833    | 403,488    | 279,886   | 560.96 | 508    | -     | 508    | 268    | 626    | 909,591    |
| Linen goods, . . . . .   | 7   | 3,884,236  | 2,087,856  | 600,220   | 421.50 | 661    | 773   | 1,424  | 810    | 1,784  | 3,764,104  |
| Liquors, distilled, . . . . .                                    | 7   | 1,906,980  | 1,237,494  | 91,230    | 853.62 | 1,077  | -     | 1,077  | 87     | 135    | 2,372,449  |
| Liquors, malt, <sup>1</sup> . . . . .                            | 27  | 28,348,968 | 4,549,988  | 1,973,418 | 970.22 | 2,022  | 12    | 2,024  | 1,910  | 2,160  | 15,548,633 |
| Lithographing, . . . . .   | 14  | 2,119,850  | 1,032,930  | 832,486   | 700.16 | 880    | 309   | 1,189  | 1,116  | 1,263  | 2,894,178  |
| Looking-glass and picture frames, . . . . .                      | 22  | 162,017    | 159,743    | 86,990    | 679.61 | 128    | -     | 128    | 116    | 147    | 335,946    |
| Lumber and timber products, . . . . .                            | 105 | 3,738,492  | 2,120,438  | 506,156   | 519.67 | 966    | 8     | 974    | 791    | 1,264  | 3,553,896  |
| Lumber, planing-mill products, . . . . .                         | 190 | 6,618,710  | 4,632,532  | 2,233,582 | 778.59 | 3,000  | 4     | 2,004  | 2,437  | 3,660  | 9,027,112  |
| Marble and stone work, . . . . .                                 | 100 | 5,066,922  | 1,124,200  | 1,746,900 | 718.32 | 2,423  | -     | 2,423  | 1,671  | 3,412  | 3,950,571  |
| Mattresses and spring beds, . . . . .                            | 51  | 1,158,177  | 1,465,202  | 410,436   | 587.18 | 543    | 157   | 699    | 597    | 791    | 2,538,118  |
| Millinery and lace goods, . . . . .                              | 58  | 1,901,868  | 2,225,536  | 606,754   | 454.80 | 244    | 1,388 | 1,532  | 1,125  | 2,127  | 4,222,177  |
| Mineral and soda waters, . . . . .                               | 122 | 1,917,936  | 1,146,924  | 316,101   | 683.72 | 453    | 10    | 463    | 380    | 675    | 2,663,900  |
| Mirrors, . . . . .   | 8   | 146,271    | 236,967    | 81,972    | 677.45 | 131    | -     | 121    | 108    | 142    | 446,586    |
| Models and patterns, not including paper patterns, . . . . .     | 57  | 265,670    | 98,714     | 262,033   | 836.67 | 316    | 1     | 317    | 237    | 405    | 652,879    |
| Monuments and tombstones, . . . . .                              | 178 | 1,811,417  | 901,964    | 1,010,024 | 822.17 | 1,227  | -     | 1,227  | 967    | 1,505  | 2,890,750  |
| Mucilage and paste, . . . . .                                    | 17  | 722,553    | 928,698    | 59,040    | 678.62 | 73     | 14    | 87     | 77     | 96     | 1,367,035  |
| Musical instruments and materials, not specified, . . . . .      | 16  | 368,549    | 143,953    | 161,324   | 643.56 | 194    | 57    | 251    | 172    | 311    | 418,989    |
| Musical instruments, pianos and organs, and materials, . . . . . | 47  | 11,584,584 | 3,239,423  | 2,343,280 | 649.80 | 3,389  | 218   | 3,607  | 3,202  | 4,107  | 7,565,525  |
| Oil, not elsewhere specified, . . . . .                          | 14  | 1,740,997  | 2,411,127  | 183,933   | 659.33 | 270    | 9     | 279    | 259    | 305    | 3,166,463  |
| Paints and varnishes, . . . . .                                  | 31  | 3,497,690  | 2,985,162  | 343,645   | 674.50 | 477    | 31    | 506    | 438    | 585    | 5,116,559  |
| Paper and wood pulp, . . . . .                                   | 86  | 51,156,784 | 25,765,004 | 7,390,568 | 562.15 | 9,273  | 3,374 | 12,147 | 11,691 | 14,475 | 44,090,579 |

<sup>1</sup> Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
|   |  |                     |   |  |                               |                       |         |               |                    |                    |                     |
| The State — Continued.  |  |                     |   |  |                               |                       |         |               |                    |                    |                     |
| Paper goods, not elsewhere specified, . . . . .                                   | 49   | \$9,476,151         | \$5,707,181                                   | \$2,045,833                                      | \$552.05                      | 2,126                 | 1,616   | 3,742         | 3,343              | 4,233              | \$10,894,820        |
| Patent medicines and compounds and drug-<br>gists' preparations, . . . . .        | 91   | 5,840,988           | 3,845,612                                     | 717,047  | 539.97                        | 635                   | 718     | 1,353         | 1,068              | 1,791              | 8,558,338           |
| Photographic apparatus and materials, . . . . .                                   | 4  | 86,629              | 24,068  | 19,599   | 544.42                        | 25                    | 11      | 36            | 23                 | 47                 | 64,086              |
| Photo-engraving, . . . . .  | 25   | 445,262             | 173,180                                       | 408,843  | 927.08                        | 403                   | 38      | 441           | 390                | 501                | 1,016,919           |
| Plumbers' supplies, . . . . .   | 17   | 1,174,680           | 556,965                                       | 365,852  | 601.73                        | 567                   | 41      | 608           | 504                | 710                | 1,281,630           |
| Pocketbooks, . . . . .  | 10   | 464,571             | 244,013                                       | 118,901  | 427.70                        | 95                    | 183     | 278           | 206                | 381                | 558,609             |
| Pottery, . . . . .  | 8  | 257,241             | 43,106  | 98,664   | 607.95                        | 140                   | 19      | 159           | 137                | 178                | 210,990             |
| Printing and publishing, . . . . .  | 641  | 19,698,153          | 10,068,208                                    | 8,007,662  | 804.62                        | 7,870                 | 2,082   | 9,952         | 9,005              | 10,890             | 25,364,087          |
| Refrigerators, . . . . .  | 11   | 204,429             | 157,601                                       | 79,109   | 732.49                        | 108                   | —       | 108           | 71                 | 124                | 396,715             |
| Rubber goods, not elsewhere specified, . . . . .                                  | 36   | 20,106,498          | 16,065,839                                    | 3,511,766  | 691.56                        | 4,427                 | 651     | 5,078         | 3,809              | 6,548              | 25,805,175          |
| Saddlery and harness, . . . . .   | 24   | 580,140             | 799,713                                       | 209,862  | 810.05                        | 220                   | 20      | 259           | 139                | 446                | 1,206,995           |
| Sausages, not made in slaughtering and meat-<br>packing establishments, . . . . . | 48   | 508,720             | 2,132,048                                     | 197,798  | 689.19                        | 284                   | 3       | 287           | 269                | 309                | 2,654,266           |
| Screws, machine, . . . . .  | 16   | 1,190,239           | 375,751                                       | 233,787  | 574.42                        | 365                   | 42      | 407           | 326                | 513                | 1,015,484           |
| Shipbuilding, wooden, including boat build-<br>ing, . . . . .                     | 61   | 895,299             | 461,022                                       | 376,510  | 739.71                        | 509                   | —       | 509           | 297                | 947                | 1,546,747           |
| Shirts, . . . . .   | 13   | 1,440,851           | 1,286,454                                     | 747,570  | 443.14                        | 284                   | 1,303   | 1,687         | 1,294              | 1,913              | 2,887,827           |

|  |     |            |            |           |        |       |       |       |       |       |            |
|--|-----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Shoddy, wool, . . . . .  | 19  | 2,114,664  | 2,733,696  | 310,927   | 533.41 | 543   | 41    | 564   | 472   | 785   | 3,766,320  |
| Show cases, . . . . .  | 11  | 73,963     | 67,400     | 47,758    | 832.82 | 56    | -     | 56    | 47    | 90    | 158,769    |
| Signs and advertising novelties, . . . . .                               | 17  | 317,241    | 219,303    | 186,206   | 554.18 | 184   | 153   | 236   | 330   | 443   | 612,588    |
| Silk and silk goods, including throwsters, . . . . .                     | 17  | 11,242,063 | 5,188,108  | 1,810,835 | 504.41 | 1,126 | 2,464 | 3,660 | 2,975 | 4,235 | 9,036,872  |
| Silverware and plated ware, . . . . .                                    | 22  | 7,366,833  | 2,132,323  | 1,512,580 | 689.73 | 1,908 | 285   | 2,193 | 1,861 | 2,637 | 5,446,615  |
| Slaughtering and meat packing, . . . . .                                 | 36  | 16,639,336 | 42,604,806 | 1,995,706 | 636.40 | 3,166 | 20    | 3,186 | 2,900 | 3,408 | 46,924,153 |
| Soap, . . . . .  | 32  | 3,306,628  | 2,899,808  | 298,167   | 605.72 | 350   | 124   | 484   | 400   | 563   | 5,337,440  |
| Sporting and athletic goods, . . . . .                                   | 16  | 2,547,676  | 2,192,676  | 999,908   | 665.72 | 1,098 | 380   | 1,418 | 1,186 | 1,566 | 4,013,748  |
| Springs, steel, car and carriage, . . . . .                              | 6   | 79,468     | 31,089     | 31,299    | 899.42 | 36    | -     | 36    | 34    | 41    | 99,153     |
| Stationery goods, not elsewhere specified, . . . . .                     | 29  | 3,628,653  | 2,951,111  | 1,060,785 | 514.08 | 898   | 1,146 | 2,044 | 1,891 | 2,256 | 5,532,412  |
| Statuary and art goods, . . . . .  | 11  | 314,217    | 26,896     | 77,374    | 773.74 | 98    | 2     | 100   | 80    | 138   | 210,338    |
| Steam fittings and steam and hot-water heating apparatus, . . . . .      | 28  | 9,806,071  | 2,740,769  | 2,389,172 | 701.17 | 3,276 | 130   | 3,406 | 3,018 | 4,343 | 7,266,203  |
| Steam packing, . . . . .   | 9   | 292,937    | 137,509    | 44,064    | 683.50 | 64    | -     | 64    | 56    | 74    | 302,317    |
| Stereotyping and electrotyping, . . . . .                                | 16  | 306,763    | 144,654    | 196,318   | 804.58 | 226   | 19    | 244   | 216   | 287   | 468,151    |
| Stoves and hot-air furnaces, except gas and oil stoves, . . . . .        | 14  | 2,814,249  | 1,086,463  | 1,225,510 | 797.86 | 1,833 | 4     | 1,236 | 1,243 | 1,708 | 3,263,463  |
| Structural ironwork, not made in steel works or rolling mills, . . . . . | 47  | 2,838,506  | 2,206,245  | 1,001,693 | 757.14 | 1,323 | -     | 1,323 | 863   | 1,766 | 4,023,507  |
| Surgical appliances, . . . . .   | 12  | 816,723    | 943,064    | 142,572   | 607.97 | 158   | 77    | 235   | 212   | 276   | 1,394,260  |
| Suspenders, garters, and elastic woven goods, . . . . .                  | 29  | 5,105,181  | 3,619,866  | 1,457,189 | 494.85 | 1,021 | 1,863 | 2,884 | 2,584 | 3,206 | 6,851,691  |
| Tobacco manufactures, . . . . .  | 248 | 4,467,163  | 3,496,120  | 2,945,089 | 777.10 | 2,738 | 987   | 3,665 | 3,320 | 4,172 | 8,404,236  |
| Toys and games, . . . . .  | 18  | 1,971,110  | 986,777    | 558,312   | 475.28 | 772   | 467   | 1,339 | 881   | 1,579 | 2,373,405  |
| Trunks and valises, . . . . .  | 20  | 798,732    | 535,174    | 207,049   | 543.44 | 268   | 83    | 381   | 256   | 481   | 1,139,389  |
| Type founding and printing materials, . . . . .                          | 6   | 241,579    | 77,715     | 67,796    | 745.01 | 74    | 17    | 91    | 85    | 96    | 270,203    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

| Industries.  | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | WAGE-EARNERS EMPLOYED |         |            |                 |                 |             | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-----------------------|---------|------------|-----------------|-----------------|-------------|------------------|
|  |                             |                  |                                   |                                      | Average Number        |         |            | Smallest Number | Greatest Number |             |                  |
|  |                             |                  |                                   |                                      | Males                 | Females | Both Sexes |                 |                 |             |                  |
|  |                             |                  |                                   |                                      |                       |         |            |                 |                 |             |                  |
| The State -- Concluded.                            |                             |                  |                                   |                                      |                       |         |            |                 |                 |             |                  |
| Upholstering materials, . . . . .                  | 6                           | \$975,160        | \$3,050,202                       | \$496.78                             | 177                   | 10      | 187        | 156             | 219             | \$2,331,228 |                  |
| Vinegar and cider, . . . . .                       | 23                          | 381,429          | 160,202                           | 684.54                               | 56                    | -       | 56         | 43              | 113             | 311,688     |                  |
| Wares, . . . . .                                   | 8                           | 2,065,476        | 3,009,371                         | 439.37                               | 580                   | 264     | 844        | 709             | 979             | 3,915,236   |                  |
| Watch and clock materials, . . . . .               | 6                           | 143,534          | 40,243                            | 514.95                               | 64                    | 103     | 168        | 155             | 188             | 184,457     |                  |
| Whips, . . . . .                                   | 19                          | 2,291,949        | 945,708                           | 499.32                               | 608                   | 285     | 843        | 768             | 951             | 2,305,168   |                  |
| Window shades and fixtures, . . . . .              | 18                          | 249,446          | 410,878                           | 77,164                               | 101                   | 23      | 124        | 104             | 173             | 616,249     |                  |
| Wire, . . . . .                                    | 8                           | 8,446,879        | 5,732,691                         | 769.74                               | 3,068                 | 90      | 3,148      | 2,332           | 3,987           | 11,131,066  |                  |
| Wirework, including wire rope and cable, . . . . . | 23                          | 5,014,584        | 2,494,544                         | 1,135.123                            | 1,575                 | 350     | 1,925      | 1,675           | 2,193           | 5,043,430   |                  |
| Wood, turned and carved, . . . . .                 | 53                          | 2,203,306        | 794,889                           | 595.337                              | 1,312                 | 42      | 1,354      | 1,092           | 1,644           | 1,759,357   |                  |
| Wooden goods, . . . . .                            | 22                          | 410,214          | 281,244                           | 530.51                               | 288                   | 13      | 291        | 185             | 293             | 552,300     |                  |
| Wool scouring, . . . . .                           | 10                          | 1,768,191        | 1,111,573                         | 623.86                               | 704                   | 24      | 728        | 531             | 944             | 1,970,339   |                  |
| Woolen and worsted goods, . . . . .                | 156                         | 143,448,075      | 88,122,670                        | 494.23                               | 31,275                | 21,214  | 52,489     | 42,813          | 60,929          | 140,551,230 |                  |
| All other industries, <sup>1</sup> . . . . .       | 260                         | 124,731,660      | 74,991,751                        | 21,071.078                           | 24,774                | 6,867   | 31,641     | 23,770          | 39,021          | 120,516,183 |                  |

<sup>1</sup> Embraces Aluminum ware, 3; Ammunition, 4; Artificial flowers, 2; Artists' materials, 2; Asbestos products, not including steam packing, 4; Babbit metal and solder, 2; Bags, other than paper, 5; Bags, paper, 1; Baking powders and yeast, 4; Belting and hose, rubber, 3; Bluing, 2; Bone, carbon, and lamp black, 3; Butter, re-working, 1; Candles, 1; Card cutting and designing, 2; Cars and general shop construction and repairs by street railroad companies,

2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; Chocolate and cocoa products, 5; Clocks, 6; Clothing, horse, 3; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, men's, 1; Cordials and syrups, 3; Cork cutting, 2; Crucibles, 1; Dairyman's, poultryman's, and spiarist's supplies, 4; Drug grinding, 2; Emery and other abrasive wheels, 9; Engravers' materials, 1; Explosives, 3; Fertilizers, 4; Files, 4; Fireworks, 5; Flags and banners, 3; Foundry supplies, 1; Furs, dressed, 1; Gas machines and gas and water meters, 3; Glasses, 2; Gloves and mittens, leather, 4; Glucose and starch, 3; Hair work, 1; Hammocks, 2; Hand-knit goods, 5; Hat and cap materials, 1; Hats, wool, 2; Horseshoes, not made in steel works or rolling mills, 3; Ink, printing, 1; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 2; Ivory, shell, and bone work, not including combs and hairpins, 4; Lead, bar, pipe, and sheet, 1; Lubricating greases, 3; Matches, 1; Mats and matting, 1; Minerals and earths, ground, 7; Motorcycles, bicycles, and parts, 5; Needles, pins, and hooks and eyes, 4; Nets and seines, 2; Oil-cloth, enameled, 3; Oleomargarine, 1; Optical goods, 14; Paper patterns, 1; Paving materials, 2; Peanuts, grading, roasting, cleaning, and shelling, 2; Pens, fountain and stylographic, 3; Pens, gold, 2; Phonographs and graphophones, 1; Pipes, tobacco, 2; Pumps, not including steam pumps, 3; Regalia and society badges and emblems, 8; Roofing materials, 2; Sand and emery paper and cloth, 2; Saws, 9; Scales and balances, 1; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 2; Smelting and refining, not from the ore, 3; Soda-water apparatus, 6; Stoves, oil and gas, 1; Sugar, refining, not including beet sugar, 2; Sulphuric, nitric and mixed acids, 1; Theatrical scenery, 1; Typewriters and supplies, 2; Umbrellas and canes, 4; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 2; Watches, 2.



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 B. THE 35 CITIES: BY INDUSTRIES.

| CITIES AND INDUSTRIES.                         | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | WAGE-EARNERS EMPLOYED |         |                    |               |        | Greatest<br>Number | Value of<br>Product |
|--|--|---------------------|---|--|-----------------------|---------|--------------------|---------------|--------|--------------------|---------------------|
|  |  |                     |   |  | Average Number        |         | Smallest<br>Number | Both<br>Sexes |        |                    |                     |
|  |  |                     |   |  | Males                 | Females |                    |               |        |                    |                     |
| ATLLEBORO.                                     |  |                     |   |  |                       |         |                    |               |        |                    |                     |
| Electroplating, . . . . .                      | 129  | \$16,546,018        | \$7,540,217                                   | \$5,356,259                                      | 3,876                 | 1,358   | 4,118              | 6,213         | 6,296  | \$12,969,686       |                     |
| Engraving and dieinking, . . . .               | 6  | 44,859              | 32,066  | 16,376   | 19                    | 6       | 19                 | 26            | 34     | 59,136             |                     |
| Jewelry, . . . . .                             | 8  | 31,963              | 3,334   | 23,300   | 30                    | 1       | 30                 | 31            | 39     | 50,063             |                     |
| Other industries, . . . . .                    | 75   | 8,108,753           | 4,643,396                                     | 1,794,715  | 1,733                 | 969     | 2,139              | 2,731         | 3,538  | 8,417,681          |                     |
|  | 40   | 7,071,418           | 2,662,331                                     | 1,470,045  | 2,044                 | 393     | 1,934              | 2,436         | 2,964  | 8,441,507          |                     |
| BEVERLY.                                       |  |                     |   |  |                       |         |                    |               |        |                    |                     |
| Boot and shoe cut stock and findings, . . . .  | 66   | 10,089,429          | 3,692,009                                     | 3,406,289  | 3,966                 | 756     | 3,910              | 4,708         | 6,119  | 9,634,169          |                     |
| Boots and shoes, . . . . .                     | 10   | 106,868             | 153,336                                       | 26,099   | 46                    | 3       | 36                 | 46            | 64     | 261,483            |                     |
| Bread and other bakery products, . . . .       | 12   | 1,460,900           | 2,394,993                                     | 949,943  | 1,019                 | 896     | 1,347              | 1,613         | 1,896  | 3,891,183          |                     |
| Other industries, . . . . .                    | 8  | 33,714              | 67,064  | 16,591   | 23                    | 1       | 23                 | 23            | 27     | 114,883            |                     |
|  | 25   | 8,449,337           | 1,146,769                                     | 2,413,396  | 2,879                 | 137     | 2,606              | 3,016         | 4,132  | 8,376,630          |                     |
| BOSTON.  |  |                     |   |  |                       |         |                    |               |        |                    |                     |
| Artificial limbs, . . . . .                    | 2,487                                      | \$91,737,183        | \$60,874,711                                  | \$4,179,658                                      | 21,504                | 22,911  | 61,186             | 74,416        | 89,796 | \$71,969,468       |                     |
| Automobiles, including bodies and parts, . . . | 4  | 13,375              | 9,904   | 14,063   | 31                    | -       | 17                 | 21            | 32     | 24,947             |                     |
| Awnings, tents, and sails, . . . . .           | 20   | 453,063             | 943,415                                       | 219,009  | 380                   | 3       | 173                | 263           | 377    | 633,665            |                     |
| Blacking, stains, and dressings, . . . .       | 19   | 178,849             | 365,085                                       | 119,154  | 109                   | 65      | 174                | 174           | 371    | 508,390            |                     |
| Bookbinding and blank-book making, . . . .     | 10   | 370,833             | 291,346                                       | 83,118   | 33                    | 35      | 87                 | 87            | 101    | 596,881            |                     |
|  | 46   | 807,448             | 338,004                                       | 630,123  | 504                   | 590     | 973                | 1,094         | 1,393  | 1,460,983          |                     |
| Boot and shoe cut stock and findings, . . .    | 31   | 4,994,067           | 13,146,176                                    | 597,961  | 773                   | 163     | 739                | 941           | 1,176  | 16,390,849         |                     |
| Boots and shoes, . . . . .                     | 14   | 9,123,846           | 7,120,351                                     | 3,547,713  | 2,987                 | 3,013   | 6,148              | 6,969         | 7,765  | 13,487,390         |                     |
| Horses, fancy and paper, . . . . .             | 18   | 618,101             | 569,479                                       | 384,849  | 376                   | 565     | 773                | 861           | 966    | 1,366,076          |                     |

|  |     |           |           |           |        |       |       |       |       |       |            |
|--|-----|-----------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Brass, bronze, and copper products, . . . . .                          | 23  | 233,659   | 301,097   | 123,144   | 777.99 | 157   | -     | 157   | 133   | 181   | 516,307    |
| Bread and other bakery products, . . . . .                             | 231 | 4,928,599 | 5,190,719 | 1,265,337 | 603.87 | 1,537 | 379   | 1,906 | 2,064 | 2,376 | 9,157,333  |
| Canning and preserving, . . . . .                                      | 21  | 1,029,650 | 1,304,751 | 237,685   | 553.71 | 250   | 173   | 423   | 344   | 589   | 2,432,303  |
| Carriages and wagons, and materials, . . . . .                         | 23  | 373,339   | 138,159   | 179,161   | 792.75 | 226   | -     | 226   | 184   | 277   | 497,563    |
| Chemicals, . . . . .   | 6   | 193,672   | 355,846   | 11,259    | 536.14 | 21    | -     | 21    | 13    | 30    | 476,593    |
| Cleaning and polishing preparations, . . . . .                         | 6   | 164,726   | 181,858   | 19,738    | 637.35 | 21    | 10    | 31    | 30    | 33    | 377,454    |
| Cloth sponging and rednishing, . . . . .                               | 4   | 29,711    | 2,760     | 31,511    | 722.98 | 44    | -     | 44    | 39    | 43    | 64,023     |
| Clothing, men's, . . . . .   | 160 | 6,708,351 | 7,391,140 | 2,465,523 | 565.39 | 2,100 | 1,961 | 4,141 | 3,227 | 4,961 | 14,294,007 |
| Clothing, women's, . . . . .   | 113 | 2,727,567 | 4,431,067 | 1,924,376 | 569.17 | 1,053 | 2,326 | 3,331 | 2,366 | 4,329 | 8,632,008  |
| Coffee and spice, roasting and grinding, . . . . .                     | 16  | 3,837,633 | 5,933,811 | 270,517   | 646.23 | 256   | 167   | 428   | 408   | 443   | 8,306,673  |
| Confectionery, . . . . .   | 55  | 7,459,993 | 9,478,006 | 2,115,999 | 406.51 | 1,300 | 3,903 | 5,203 | 3,723 | 6,543 | 15,679,363 |
| Copper, tin, and sheet-iron products, . . . . .                        | 60  | 2,205,651 | 2,281,924 | 909,337   | 711.83 | 1,204 | 74    | 1,278 | 1,023 | 1,571 | 4,433,761  |
| Cutlery and tools, not elsewhere specified, . . . . .                  | 17  | 2,705,167 | 780,419   | 465,245   | 575.92 | 474   | 334   | 808   | 737   | 933   | 3,186,307  |
| Dental goods, . . . . .  | 7   | 107,404   | 457,853   | 29,655    | 531.47 | 40    | 11    | 51    | 50    | 53    | 544,965    |
| Dyestuffs and extracts, . . . . .                                      | 9   | 537,251   | 400,146   | 36,595    | 603.30 | 56    | -     | 56    | 51    | 61    | 596,631    |
| Electrical machinery, apparatus, and supplies, . . . . .               | 29  | 4,466,099 | 1,590,641 | 1,022,393 | 674.85 | 1,179 | 336   | 1,515 | 1,209 | 2,004 | 3,897,442  |
| Electroplating, . . . . .  | 20  | 67,261    | 40,333    | 80,379    | 765.51 | 105   | -     | 105   | 93    | 123   | 191,165    |
| Enameling and japanning, . . . . .                                     | 3   | 26,714    | 8,808     | 14,455    | 688.33 | 21    | -     | 21    | 15    | 23    | 35,974     |
| Engraving and dieinking, . . . . .                                     | 13  | 45,881    | 22,161    | 51,057    | 810.43 | 56    | 7     | 63    | 58    | 70    | 116,005    |
| Engraving, steel and copper plate, including plate printing, . . . . . | 15  | 345,467   | 146,716   | 264,306   | 734.19 | 224   | 136   | 360   | 313   | 431   | 635,971    |
| Fancy articles, not elsewhere specified, . . . . .                     | 6   | 84,317    | 50,322    | 29,562    | 476.81 | 17    | 45    | 62    | 40    | 53    | 141,644    |
| Flavoring extracts, . . . . .  | 7   | 421,806   | 353,785   | 27,265    | 545.10 | 23    | 27    | 50    | 40    | 63    | 723,229    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 B. THE 26 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                     | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |                 | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-----------------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Smallest Number | Greatest Number |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |                 |                  |
|  |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| BOSTON — Continued.  |                             |                  |                                   |                                      |                         |                       |         |            |                 |                 |                  |
| Food preparations, . . . . .                               | 16                          | \$633,580        | \$1,295,238                       | \$181,946                            | \$672.37                | 211                   | 59      | 270        | 214             | 331             | \$2,655,365      |
| Foundry and machine-shop products, . . . . .               | 139                         | 18,077,667       | 6,388,917                         | 5,077,156                            | 785.82                  | 6,411                 | 50      | 6,461      | 4,507           | 8,567           | 16,345,732       |
| Fur goods, . . . . .                                       | 12                          | 328,644          | 317,184                           | 127,836                              | 906.64                  | 69                    | 73      | 141        | 70              | 218             | 662,446          |
| Furnishing goods, men's, . . . . .                         | 7                           | 480,047          | 657,339                           | 104,663                              | 428.95                  | 33                    | 211     | 244        | 185             | 281             | 994,098          |
| Furniture, . . . . .                                       | 39                          | 786,548          | 912,510                           | 470,192                              | 696.58                  | 642                   | 33      | 675        | 534             | 828             | 1,991,306        |
| Galvanizing, . . . . .                                     | 3                           | 30,417           | 26,800                            | 8,763                                | 795.73                  | 11                    | -       | 11         | 8               | 15              | 42,108           |
| Gas and electric fixtures, . . . . .                       | 9                           | 145,911          | 120,114                           | 62,268                               | 742.45                  | 84                    | -       | 84         | 74              | 96              | 268,067          |
| Glass, cutting, staining, and ornamenting, . . . . .       | 17                          | 97,083           | 41,510                            | 82,398                               | 814.83                  | 98                    | 3       | 101        | 86              | 130             | 177,340          |
| Hand stamps and stencils and brands, . . . . .             | 13                          | 73,280           | 25,328                            | 47,579                               | 806.42                  | 59                    | -       | 59         | 54              | 68              | 152,968          |
| Hardware, . . . . .  | 12                          | 166,492          | 45,242                            | 48,406                               | 722.48                  | 58                    | 9       | 67         | 63              | 83              | 166,932          |
| Hats and caps, other than felt, straw, and wool, . . . . . | 22                          | 204,808          | 356,726                           | 149,067                              | 645.40                  | 161                   | 70      | 231        | 187             | 276             | 687,072          |
| Hosiery and knit goods, . . . . .                          | 8                           | 1,042,116        | 929,295                           | 296,773                              | 415.65                  | 352                   | 262     | 714        | 585             | 837             | 1,694,024        |
| House-furnishing goods, not elsewhere specified, . . . . . | 8                           | 68,249           | 100,362                           | 57,101                               | 588.67                  | 43                    | 54      | 97         | 71              | 132             | 221,412          |
| Instruments, professional and scientific, . . . . .        | 11                          | 938,511          | 316,298                           | 337,514                              | 681.85                  | 431                   | 64      | 495        | 343             | 641             | 992,019          |
| Iron and steel, steel works and rolling mills, . . . . .   | 3                           | 60,264           | 40,124                            | 39,694                               | 610.66                  | 65                    | -       | 65         | 50              | 70              | 122,062          |
| Jewelry, . . . . .   | 24                          | 406,678          | 295,096                           | 163,200                              | 850.00                  | 172                   | 19      | 192        | 172             | 294             | 628,227          |
| Leather goods, not elsewhere specified, . . . . .          | 16                          | 250,500          | 265,584                           | 142,577                              | 474.67                  | 113                   | 188     | 301        | 226             | 332             | 666,456          |
| Liquors, malt, . . . . .                                   | 14                          | 14,760,848       | 2,232,130                         | 1,211,729                            | 986.75                  | 1,216                 | 12      | 1,228      | 1,146           | 1,297           | 8,827,108        |

|  |     |            |           |           |        |       |     |       |       |       |            |
|--|-----|------------|-----------|-----------|--------|-------|-----|-------|-------|-------|------------|
| Lithographing, . . . . .   | 6   | 208,530    | 110,236   | 93,964    | 745.90 | 107   | 19  | 128   | 116   | 135   | 292,276    |
| Looking-glass and picture frames, . . . . .                                  | 16  | 130,380    | 134,908   | 70,295    | 675.91 | 104   | -   | 104   | 96    | 117   | 313,035    |
| Lumber, planing-mill products, . . . . .                                     | 43  | 1,408,545  | 1,633,877 | 653,182   | 706.54 | 830   | -   | 830   | 644   | 994   | 2,791,904  |
| Marble and stone work, . . . . .   | 15  | 737,549    | 378,183   | 302,901   | 771.69 | 393   | -   | 393   | 399   | 544   | 903,888    |
| Mattresses and spring beds, . . . . .  | 23  | 709,497    | 1,114,787 | 297,816   | 606.55 | 333   | 108 | 491   | 423   | 544   | 1,899,068  |
| Millinery and lace goods, . . . . .  | 49  | 1,381,569  | 1,690,748 | 478,108   | 434.44 | 139   | 960 | 1,089 | 775   | 1,423 | 3,016,745  |
| Mineral and soda waters, . . . . .   | 24  | 815,133    | 462,066   | 99,735    | 797.19 | 130   | -   | 130   | 93    | 197   | 1,065,379  |
| Mirrors, . . . . .   | 7   | 116,203    | 211,167   | 65,521    | 699.69 | 95    | -   | 95    | 91    | 110   | 335,066    |
| Models and patterns, not including paper patterns, . . . . .                 | 18  | 139,972    | 34,045    | 103,358   | 880.15 | 117   | 1   | 118   | 70    | 173   | 233,446    |
| Monuments and tombstones, . . . . .  | 7   | 74,996     | 16,533    | 28,737    | 898.03 | 32    | -   | 32    | 20    | 44    | 73,977     |
| Musical instruments and materials, not specified, . . . . .                  | 12  | 304,606    | 132,190   | 141,540   | 680.48 | 189   | 49  | 206   | 149   | 260   | 247,276    |
| Musical instruments, pianos and organs, and materials, . . . . .             | 14  | 3,795,445  | 1,388,847 | 884,414   | 700.25 | 1,294 | 39  | 1,263 | 1,150 | 1,398 | 3,023,489  |
| Oil, not elsewhere specified, . . . . .                                      | 6   | 843,435    | 1,331,731 | 92,705    | 644.20 | 143   | 2   | 144   | 137   | 153   | 1,740,042  |
| Paints and varnishes, . . . . .  | 7   | 737,518    | 744,456   | 68,771    | 667.68 | 96    | 7   | 108   | 91    | 116   | 1,113,584  |
| Patent medicines and compounds and druggists' preparations, . . . . .        | 44  | 3,017,540  | 2,408,760 | 392,519   | 513.10 | 330   | 445 | 765   | 567   | 1,009 | 4,336,999  |
| Photo-engraving, . . . . .   | 17  | 334,769    | 138,736   | 312,708   | 980.34 | 306   | 15  | 330   | 283   | 366   | 815,949    |
| Plumbers' supplies, . . . . .  | 4   | 190,100    | 33,294    | 47,176    | 873.63 | 54    | -   | 54    | 53    | 61    | 133,760    |
| Printing and publishing, . . . . .   | 243 | 11,940,967 | 6,716,005 | 4,476,179 | 901.91 | 4,197 | 766 | 4,963 | 4,503 | 5,469 | 17,903,101 |
| Refrigerators, . . . . .   | 7   | 185,663    | 121,289   | 67,000    | 754.44 | 90    | -   | 90    | 59    | 108   | 292,384    |
| Rubber goods, not elsewhere specified, . . . . .                             | 6   | 533,379    | 325,104   | 150,404   | 571.83 | 145   | 118 | 263   | 213   | 376   | 633,350    |
| Saddlery and harness, . . . . .  | 11  | 30,364     | 25,015    | 27,159    | 832.00 | 33    | 1   | 33    | 31    | 37    | 74,411     |
| Sausage, not made in slaughtering and meat pecking establishments, . . . . . | 12  | 179,613    | 927,395   | 84,579    | 695.73 | 131   | 1   | 123   | 110   | 137   | 1,144,086  |

<sup>1</sup> Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |           | Value of<br>Product |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|-----------|---------------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |           |                     |
|  |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |           |                     |
|  |  |                     |   |  |                               |                       |         |                    |                    |           |                     |
| Boston — Concluded.  | 7  | \$239,222           | \$149,300                                     | \$75,443   | 90                            | 8                     | 98      | 75                 | 126                | \$306,929 |                     |
| Screws, machine, . . . . .   | 12   | 193,139             | 120,567                                       | 95,762   | 855.02                        | -                     | -       | 112                | 64                 | 165       | 258,371             |
| Shipbuilding, wooden, including boat build-<br>ing, . . . . .                    | 7  | 52,651              | 45,770  | 28,704   | 969.82                        | 33                    | -       | 33                 | 39                 | 40        | 106,442             |
| Show cases, . . . . .  | 10   | 287,740             | 344,919                                       | 35,170   | 732.71                        | 48                    | -       | 48                 | 45                 | 72        | 646,503             |
| Soap, . . . . .  | 6  | 463,927             | 344,880                                       | 133,608  | 563.75                        | 116                   | 131     | 237                | 206                | 271       | 688,343             |
| Stationery goods, not elsewhere specified, .                                     | 8  | 307,478             | 34,528  | 69,744   | 758.09                        | 90                    | 2       | 92                 | 74                 | 125       | 196,147             |
| Statuary and art goods, . . . . .  | 11   | 6,402,846           | 1,449,906                                     | 1,351,633  | 708.81                        | 1,794                 | 121     | 1,915              | 1,602              | 2,738     | 4,019,603           |
| Steam fittings and steam and hot-water<br>heating apparatus, . . . . .           | 5  | 124,739             | 36,291  | 23,888   | 796.27                        | 30                    | -       | 30                 | 36                 | 38        | 133,073             |
| Steam packing, . . . . .   | 9  | 160,516             | 114,298                                       | 126,874  | 893.48                        | 142                   | -       | 142                | 131                | 171       | 304,912             |
| Stereotyping and electrotyping, . . . .  | 15   | 351,537             | 452,365                                       | 223,087  | 799.59                        | 279                   | -       | 279                | 143                | 435       | 800,771             |
| Structural ironwork, not made in steel works<br>or rolling mills, . . . . .      | 9  | 1,072,182           | 1,282,322                                     | 342,146  | 409.37                        | 93                    | 743     | 836                | 746                | 922       | 2,303,436           |
| Suspenders, garters, and elastic woven goods,<br>Tobacco manufactures, . . . . . | 66   | 3,429,046           | 2,538,724                                     | 2,156,231  | 825.51                        | 2,029                 | 563     | 2,612              | 2,300              | 2,973     | 6,199,197           |
| Trunks and valises, . . . . .  | 11   | 139,805             | 172,186                                       | 71,199   | 603.36                        | 90                    | 19      | 118                | 83                 | 165       | 336,648             |
| Window shades and fixtures, . . . . .  | 8  | 109,605             | 229,169                                       | 25,814   | 561.17                        | 32                    | 14      | 46                 | 37                 | 63        | 320,937             |
| Wirework, including wire rope and cable, .                                       | 8  | 21,924              | 19,096  | 11,236   | 660.94                        | 17                    | -       | 17                 | 11                 | 23        | 44,943              |

| Wood, turned and carved, . . . . .                    | 7   | 57,423     | 24,703     | 22,704    | 575.15 | 41     | -     | 41     | 28     | 69     | 75,324     |
|---|-----|------------|------------|-----------|--------|--------|-------|--------|--------|--------|------------|
| Other industries, . . . . .                           | 261 | 65,925,199 | 45,534,240 | 8,461,945 | 628.71 | 10,634 | 3,191 | 13,825 | 11,820 | 10,912 | 66,749,406 |
| BROCKTON.   |     |            |            |           |        |        |       |        |        |        |            |
| Blacking, stains, and dressings, . . . . .            | 13  | 205,163    | 210,006    | 27,100    | 846.33 | 28     | 4     | 32     | 30     | 34     | 439,900    |
| Boots and shoe cut stock and findings, . . . . .      | 44  | 4,270,387  | 8,785,854  | 975,875   | 550.41 | 1,188  | 615   | 1,773  | 1,316  | 2,391  | 10,825,120 |
| Boots and shoes, . . . . .                            | 33  | 19,573,960 | 23,948,757 | 7,776,231 | 670.25 | 8,548  | 3,059 | 11,602 | 7,466  | 16,068 | 37,839,870 |
| Boxes, fancy and paper, . . . . .                     | 4   | 160,053    | 84,960     | 61,427    | 435.65 | 38     | 103   | 141    | 129    | 189    | 185,545    |
| Boxes, wooden packing, . . . . .                      | 4   | 237,546    | 128,278    | 52,976    | 662.20 | 80     | -     | 80     | 63     | 100    | 218,263    |
| Carriages and wagons and materials, . . . . .         |     |            |            |           |        |        |       |        |        |        |            |
| Confectionery and ice cream, . . . . .                | 6   | 175,243    | 187,439    | 44,545    | 380.73 | 45     | 72    | 117    | 97     | 162    | 354,975    |
| Cutlery and tools, not elsewhere specified, . . . . . | 9   | 83,378     | 33,511     | 65,388    | 871.84 | 76     | -     | 76     | 67     | 93     | 166,287    |
| Flour-mill and gristmill products, . . . . .          | 3   | 27,384     | 25,223     | 858       | 429.00 | 2      | -     | 2      | 2      | 2      | 27,833     |
| Foundry and machine-shop products, . . . . .          | 10  | 408,983    | 122,544    | 124,656   | 697.70 | 103    | -     | 193    | 176    | 213    | 376,935    |
| Lisle, . . . . .                                      |     |            |            |           |        |        |       |        |        |        |            |
| Other industries, . . . . .                           | 72  | 4,200,368  | 1,963,545  | 863,847   | 559.93 | 1,083  | 246   | 1,309  | 1,123  | 1,570  | 4,179,868  |
| CAMBRIDGE.  |     |            |            |           |        |        |       |        |        |        |            |
| Automobiles, including bodies and parts, . . . . .    | 8   | 225,124    | 91,564     | 106,443   | 853.88 | 124    | 3     | 127    | 92     | 151    | 345,153    |
| Bookbinding and blank-book making, . . . . .          | 6   | 559,214    | 146,148    | 154,553   | 527.11 | 140    | 157   | 297    | 268    | 318    | 402,065    |
| Boxes, fancy and paper, . . . . .                     | 4   | 385,779    | 215,797    | 218,281   | 465.63 | 114    | 355   | 469    | 418    | 522    | 588,674    |
| Bread and other bakery products, . . . . .            | 38  | 1,913,244  | 2,517,423  | 631,713   | 667.79 | 737    | 194   | 931    | 838    | 990    | 4,300,811  |
| Carriages and wagons, . . . . .                       | 3   | 56,997     | 27,794     | 38,257    | 832.38 | 45     | -     | 45     | 35     | 57     | 85,068     |
| Confectionery and ice cream, . . . . .                |     |            |            |           |        |        |       |        |        |        |            |
| Confectionery, . . . . .                              | 15  | 2,152,560  | 2,429,357  | 473,163   | 408.25 | 317    | 842   | 1,189  | 999    | 1,398  | 3,685,963  |
| Ice cream, . . . . .                                  | 6   | 170,174    | 308,435    | 73,048    | 760.92 | 95     | 1     | 96     | 77     | 125    | 539,997    |
| Confectionery and ice cream, . . . . .                |     |            |            |           |        |        |       |        |        |        |            |
| Confectionery, . . . . .                              | 21  | 2,328,724  | 2,757,788  | 549,311   | 452.33 | 418    | 845   | 1,265  | 1,048  | 1,548  | 4,176,580  |
| Ice cream, . . . . .                                  | 15  | 2,152,560  | 2,429,357  | 473,163   | 408.25 | 317    | 842   | 1,189  | 999    | 1,398  | 3,685,963  |
| Ice cream, . . . . .                                  | 6   | 170,174    | 308,435    | 73,048    | 760.92 | 95     | 1     | 96     | 77     | 125    | 539,997    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT -- 1915 -- Continued.

B. THE 35 CITIES: BY INDUSTRIES -- Continued.

| CITIES AND INDUSTRIES.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |        | Value of<br>Product |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------|---------------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |        |                     |
|  |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |        |                     |
|  |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| CAMBRIDGE — Concluded.   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Foundry and machine-shop products, . . . . .                               | 20   | \$5,183,220         | \$1,555,726                                   | \$1,381,367                                      | \$685.76                      | 1,883                 | 102     | 1,985              | 1,643              | 2,406  | \$4,500,007         |
| Furniture, . . . . .   | 12   | 1,408,136           | 364,954                                       | 527,687  | 948.37                        | 587                   | 35      | 622                | 525                | 713    | 1,333,404           |
| Looking-glass and picture frames, . . . . .                                | 3  | 7,984               | 5,537   | 4,543  | 757.17                        | 6                     | -       | 6                  | 4                  | 9      | 20,510              |
| Lumber, planing-mill products, . . . . .                                   | 6  | 415,945             | 941,170                                       | 100,453  | 1,035.13                      | 155                   | -       | 155                | 88                 | 261    | 665,515             |
| Marble and stone work, . . . . .   | 7  | 212,277             | 179,872                                       | 121,873  | 990.84                        | 128                   | -       | 123                | 85                 | 175    | 477,164             |
| Monuments and tombstones, . . . . .  | 4  | 10,927              | 10,711  | 6,070  | 867.14                        | 7                     | -       | 7                  | 4                  | 13     | 28,324              |
| Musical instruments, pianos and organs, and<br>materials, . . . . .        | 6  | 3,189,260           | 615,768                                       | 512,806  | 837.83                        | 789                   | 35      | 874                | 804                | 973    | 1,645,696           |
| Patent medicines and compounds and drug-<br>gists' preparations, . . . . . | 5  | 253,880             | 183,110                                       | 60,939   | 559.07                        | 54                    | 53      | 109                | 95                 | 123    | 247,867             |
| Structural ironwork, . . . . .   | 7  | 733,239             | 411,409                                       | 195,349  | 777.13                        | 232                   | -       | 253                | 211                | 296    | 731,004             |
| Wood, turned and carved, . . . . .   | 3  | 83,457              | 5,923   | 11,866   | 659.22                        | 16                    | 2       | 18                 | 15                 | 21     | 25,496              |
| Other industries, . . . . .  | 132  | 29,117,265          | 23,804,053                                    | 5,783,654  | 605.49                        | 6,553                 | 2,904   | 9,532              | 7,333              | 11,458 | 38,320,069          |
| CHELSEA.   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Boots and shoes, . . . . .   | 108  | 9,406,709           | 9,553,754                                     | 3,670,363  | 612.35                        | 4,401                 | 1,458   | 5,939              | 5,241              | 9,287  | 17,380,758          |
| Boses, fancy and paper, . . . . .  | 4  | 1,493,372           | 3,439,301                                     | 1,287,448  | 551.76                        | 1,446                 | 833     | 2,379              | 2,208              | 2,589  | 5,099,351           |
| Bread and other bakery products, . . . . .                                 | 3  | 223,393             | 196,812                                       | 76,116   | 432.48                        | 75                    | 101     | 176                | 180                | 205    | 346,436             |
|  | 16   | 97,683              | 211,933                                       | 76,670   | 834.41                        | 92                    | 1       | 93                 | 93                 | 99     | 371,664             |

|  |     |            |            |            |        |        |        |        |        |        |            |
|--|-----|------------|------------|------------|--------|--------|--------|--------|--------|--------|------------|
| Lumber, planing-mill products, . . . . .   | 4   | 63,203     | 51,373     | 27,764     | 703.36 | 35     | -      | 35     | 26     | 46     | 111,331    |
| Tobacco manufactures, . . . . .  | 8   | 16,245     | 14,968     | 12,243     | 720.12 | 12     | 5      | 17     | 16     | 19     | 44,435     |
| Other industries, . . . . .  | 73  | 7,523,714  | 5,678,397  | 2,320,683  | 655.36 | 2,741  | 648    | 3,369  | 2,853  | 3,970  | 10,807,149 |
| <b>CHICOPPEE.</b>  |     |            |            |            |        |        |        |        |        |        |            |
| All industries, . . . . .  | 49  | 23,472,318 | 17,967,904 | 6,110,060  | 624.73 | 6,560  | 1,974  | 8,284  | 6,308  | 11,123 | 30,384,416 |
|  | 49  | 28,473,318 | 17,967,904 | 6,110,960  | 684.78 | 6,980  | 1,974  | 8,924  | 6,302  | 11,123 | 30,384,416 |
| <b>EVERETT.</b>  |     |            |            |            |        |        |        |        |        |        |            |
| Roots and shoes, . . . . .   | 76  | 26,462,001 | 7,232,714  | 2,132,943  | 646.36 | 2,228  | 478    | 3,300  | 2,647  | 2,871  | 13,968,715 |
| Bread and other bakery products, . . . . .   | 3   | 370,515    | 779,421    | 309,589    | 571.71 | 305    | 237    | 542    | 463    | 610    | 1,281,325  |
| Foundry and machine-shop products, . . . . .   | 8   | 719,843    | 607,953    | 175,772    | 632.37 | 378    | -      | 278    | 203    | 361    | 993,989    |
| Other industries, . . . . .  | 59  | 25,368,144 | 5,807,535  | 1,640,086  | 664.37 | 2,234  | 225    | 2,469  | 1,973  | 2,887  | 11,614,413 |
| <b>FALL RIVER.</b>   |     |            |            |            |        |        |        |        |        |        |            |
| Bread and other bakery products, . . . . .   | 267 | 90,299,453 | 33,267,550 | 17,102,269 | 452.63 | 21,335 | 15,269 | 37,264 | 24,765 | 29,208 | 69,664,613 |
| Copper, tin, and sheet-iron products, . . . . .  | 74  | 241,006    | 599,108    | 178,393    | 675.73 | 290    | 4      | 264    | 263    | 266    | 1,008,180  |
| Cotton goods, . . . . .  | 7   | 30,347     | 27,665     | 23,373     | 667.80 | 35     | -      | 35     | 33     | 38     | 70,964     |
| Cotton small wares, . . . . .  | 45  | 67,032,654 | 24,642,683 | 13,707,583 | 446.80 | 16,314 | 14,466 | 30,660 | 26,831 | 31,506 | 45,392,794 |
| Foundry and machine-shop products, . . . . .   | 20  | 919,684    | 442,765    | 331,226    | 539.37 | 475    | 87     | 563    | 495    | 656    | 1,049,833  |
| Lumber, planing-mill products, . . . . .   | 4   | 137,575    | 65,244     | 42,317     | 653.98 | 74     | -      | 74     | 61     | 83     | 133,968    |
| Marble and stone work, . . . . .   | 3   | 66,988     | 4,055      | 24,596     | 734.17 | 47     | -      | 47     | 16     | 65     | 89,313     |
| Mineral and soda waters, . . . . .   | 4   | 13,713     | 15,553     | 7,150      | 715.00 | 10     | -      | 10     | 10     | 14     | 31,480     |
| Monuments and tombstones, . . . . .  | 5   | 35,410     | 12,266     | 13,467     | 896.80 | 16     | -      | 15     | 10     | 20     | 34,535     |
| Printing and publishing, book and job, . . . . .   | 12  | 92,015     | 44,261     | 36,925     | 696.64 | 61     | 7      | 58     | 55     | 56     | 127,542    |
| <b>Sausage, not made in slaughtering and meat-<br/>packing establishments, . . . . .</b> |     |            |            |            |        |        |        |        |        |        |            |
| Other industries, . . . . .  | 8   | 29,110     | 124,704    | 14,663     | 637.23 | 23     | 1      | 23     | 23     | 24     | 172,117    |
|  | 60  | 21,002,118 | 6,948,406  | 2,559,241  | 499.07 | 3,946  | 1,183  | 5,138  | 4,639  | 5,739  | 13,979,510 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.  | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |                 |                 |        | Value of Product |
|---|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|-----------------|-----------------|--------|------------------|
|   |                             |                  |                                   |                                      |                         | Average Number        |         | Smallest Number | Greatest Number |        |                  |
|   |                             |                  |                                   |                                      |                         | Males                 | Females |                 | Both Sexes      |        |                  |
|   |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| FITCHBURG.  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| Bread and other bakery products, . . . . .                    | 112                         | \$24,555,918     | \$15,861,640                      | \$4,982,777                          | \$649.91                | 6,333                 | 2,270   | 8,603           | 7,368           | 10,248 | \$85,066,676     |
| Confectionery and ice cream, . . . . .                        | 16                          | 48,533           | 161,591                           | 42,847                               | 639.51                  | 64                    | 3       | 67              | 65              | 68     | 254,031          |
| Cotton goods, . . . . .                                       | 3                           | 15,624           | 56,320                            | 10,745                               | 716.33                  | 9                     | 6       | 15              | 14              | 15     | 84,792           |
| Foundry and machine-shop products, . . . . .                  | 6                           | 5,833,610        | 3,010,153                         | 1,346,045                            | 434.92                  | 1,463                 | 1,333   | 2,846           | 2,364           | 3,131  | 4,731,823        |
| Marble and stone work, . . . . .                              | 20                          | 2,766,541        | 1,217,256                         | 885,517                              | 731.11                  | 1,220                 | 8       | 1,228           | 618             | 1,933  | 2,315,868        |
| Printing and publishing, . . . . .                            | 5                           | 59,650           | 4,747                             | 15,432                               | 814.84                  | 19                    | -       | 19              | 7               | 28     | 27,360           |
| Tobacco manufactures, . . . . .                               | 5                           | 8,225            | 10,246                            | 4,372                                | 610.29                  | 5                     | 2       | 7               | 72              | 83     | 132,607          |
| Other industries, . . . . .                                   | 52                          | 15,737,020       | 10,773,039                        | 2,651,446                            | 567.28                  | 3,519                 | 1,155   | 4,674           | 4,247           | 5,171  | 17,019,708       |
| GLOUCESTER.   |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| Canning and preserving, fish, . . . . .                       | 15                          | 3,639,271        | 3,684,555                         | 618,315                              | 524.30                  | 992                   | 186     | 1,178           | 885             | 1,475  | 5,380,459        |
| Clothing, men's, . . . . .                                    | 5                           | 63,990           | 91,742                            | 27,770                               | 356.08                  | 24                    | 54      | 78              | 76              | 79     | 149,000          |
| Foundry and machine-shop products, . . . . .                  | 4                           | 53,444           | 18,228                            | 15,229                               | 662.57                  | 23                    | -       | 23              | 21              | 24     | 46,761           |
| Shipbuilding, wooden, including boat build-<br>ing, . . . . . | 10                          | 122,021          | 30,021                            | 22,177                               | 702.33                  | 33                    | -       | 33              | 24              | 30     | 86,577           |
| Tobacco manufactures, . . . . .                               | 7                           | 3,510            | 9,957                             | 5,324                                | 532.40                  | 10                    | -       | 10              | 8               | 10     | 24,533           |
| Other industries, . . . . .                                   | 40                          | 3,063,398        | 1,714,474                         | 649,319                              | 538.76                  | 825                   | 403     | 1,228           | 933             | 1,529  | 3,212,964        |
| HAVERHILL.  |                             |                  |                                   |                                      |                         |                       |         |                 |                 |        |                  |
| Boot and shoe cut stock and findings, . . . . .               | 364                         | \$9,496,635      | \$8,039,957                       | \$2,698,864                          | 643.36                  | 8,639                 | 4,531   | 13,363          | 9,919           | 17,171 | \$3,990,078      |
| Boots and shoes, . . . . .                                    | 125                         | 6,136,760        | 8,992,440                         | 914,061                              | 549.33                  | 1,220                 | 444     | 1,664           | 1,240           | 2,233  | 11,450,967       |
| Boots and shoes, . . . . .                                    | 119                         | 9,051,712        | 15,108,738                        | 6,560,145                            | 670.02                  | 6,173                 | 3,803   | 9,776           | 7,160           | 12,566 | 26,109,453       |

|  |     |             |            |            |        |        |        |        |        |        |            |
|--|-----|-------------|------------|------------|--------|--------|--------|--------|--------|--------|------------|
| Bosse, fancy and paper, . . . . .  | 6   | 142,040     | 187,940    | 96,373     | 507.28 | 74     | 116    | 190    | 164    | 314    | 353,865    |
| Bread and other bakery products, . . . .                                     | 18  | 69,822      | 184,978    | 40,079     | 742.30 | 60     | 4      | 54     | 50     | 62     | 262,498    |
| Cutlery and tools, not elsewhere specified, .                                | 4   | 13,881      | 5,388      | 15,800     | 929.41 | 17     | -      | 17     | 17     | 19     | 32,023     |
| Foundry and machine-shop products, . . .                                     | 5   | 152,607     | 59,221     | 59,813     | 920.18 | 65     | -      | 65     | 52     | 84     | 150,267    |
| Models and patterns, not including paper patterns, . . . . .                 | 6   | 26,583      | 10,712     | 32,311     | 715.80 | 45     | -      | 45     | 35     | 55     | 82,823     |
| Tobacco manufactures, . . . . .  | 4   | 6,659       | 3,999      | 2,460      | 533.80 | 5      | -      | 5      | 5      | 7      | 10,108     |
| Other industries, . . . . .  | 67  | 5,294,221   | 3,511,794  | 887,694    | 577.55 | 1,183  | 364    | 1,587  | 1,306  | 1,831  | 5,402,065  |
| <b>HOLYOKE.</b>  |     |             |            |            |        |        |        |        |        |        |            |
| Bread and other bakery products, . . . .                                     | 170 | 49,391,375  | 81,155,057 | 8,540,655  | 538.71 | 9,008  | 6,428  | 15,458 | 13,474 | 17,559 | 59,708,203 |
| Flour-mill and grist-mill products, . . . .                                  | 29  | 312,006     | 345,894    | 77,773     | 777.72 | 95     | 5      | 100    | 95     | 106    | 596,688    |
| Foundry and machine-shop products, . . .                                     | 3   | 47,300      | 111,770    | 1,196      | 598.00 | 2      | -      | 2      | 2      | 2      | 118,898    |
| Lumber, planing-mill products, . . . . .                                     | 16  | 3,381,000   | 832,247    | 647,068    | 711.56 | 892    | 17     | 909    | 733    | 1,123  | 2,106,516  |
| Mineral and soda waters, . . . . .   | 4   | 331,771     | 362,373    | 127,549    | 797.18 | 160    | -      | 160    | 137    | 181    | 544,008    |
| Paper and wood pulp, . . . . .   | 3   | 15,800      | 7,402      | 2,761      | 532.20 | 5      | -      | 5      | 3      | 9      | 26,200     |
| Paper goods, not elsewhere specified, . . .                                  | 21  | 13,723,560  | 7,118,963  | 2,187,704  | 534.38 | 2,684  | 1,470  | 4,094  | 3,796  | 4,672  | 12,038,490 |
| Printing and publishing, book and job, . .                                   | 5   | 1,243,919   | 1,136,027  | 296,004    | 555.96 | 338    | 120    | 458    | 439    | 490    | 1,863,184  |
| Stationery goods, not elsewhere specified, .                                 | 8   | 86,744      | 33,535     | 38,220     | 615.45 | 44     | 18     | 62     | 56     | 70     | 121,226    |
| Tobacco manufactures, . . . . .  | 8   | 1,466,008   | 942,471    | 237,267    | 498.90 | 355    | 321    | 676    | 612    | 760    | 1,914,389  |
| Other industries, . . . . .  | 10  | 42,102      | 27,224     | 31,856     | 624.63 | 33     | 13     | 51     | 48     | 56     | 58,124     |
| <b>LAWRENCE.</b>   |     |             |            |            |        |        |        |        |        |        |            |
| Bread and other bakery products, . . . .                                     | 184 | 105,156,603 | 49,698,764 | 14,739,141 | 483.79 | 18,688 | 11,778 | 30,466 | 24,876 | 35,171 | 79,402,331 |
| Brooms, . . . . .  | 47  | 268,416     | 477,066    | 98,138     | 645.80 | 142    | -      | 142    | 132    | 147    | 791,499    |
| Cotton goods, . . . . .  | 3   | 12,667      | 13,062     | 6,366      | 580.55 | 11     | -      | 11     | 11     | 13     | 27,449     |
| Foundry and machine-shop products, . . .                                     | 5   | 9,794,875   | 2,075,568  | 1,797,066  | 433.53 | 2,194  | 2,049  | 4,243  | 3,666  | 4,468  | 6,034,013  |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 20  | 1,404,290   | 544,845    | 412,755    | 647.97 | 569    | 68     | 637    | 550    | 831    | 1,244,688  |
|  | 6   | 40,719      | 182,767    | 10,663     | 628.35 | 17     | -      | 17     | 16     | 18     | 180,530    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                          | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |        | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|--------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |        |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |        |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| LAWRENCE — Concluded.                           |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Tobacco manufactures, . . . . .                 | 4  | \$4,360             | \$7,443                                       | \$6,619  | \$601.73                      | 10                    | 1       | 11                 | 10                 | 12     | \$19,136            |
| Woolen and worsted goods, . . . . .             | 13   | 69,106,722          | 35,972,706                                    | 9,560,948  | 474.80                        | 11,233                | 8,833   | 20,125             | 15,853             | 23,654 | 59,000,308          |
| Other industries, . . . . .                     | 86   | 24,474,546          | 6,465,328                                     | 2,853,477  | 541.37                        | 4,463                 | 808     | 5,270              | 4,639              | 6,008  | 12,107,998          |
| LOWELL.   |  |                     |   |  |                               |                       |         |                    |                    |        |                     |
| Boots and shoes, . . . . .                      | 219  | 62,719,837          | 31,363,466                                    | 15,304,119                                       | 506.15                        | 17,945                | 13,371  | 31,389             | 26,060             | 37,736 | 69,517,337          |
| Boxes, fancy and paper, . . . . .               | 9  | 1,235,513           | 2,375,682                                     | 750,383  | 535.61                        | 904                   | 497     | 1,401              | 1,065              | 1,840  | 3,615,002           |
| Boxes, wooden packing, . . . . .                | 3  | 213,027             | 168,754                                       | 77,160   | 463.09                        | 60                    | 107     | 167                | 140                | 194    | 283,376             |
| Bread and other bakery products, . . . . .      | 7  | 361,764             | 428,124                                       | 113,136  | 516.60                        | 219                   | -       | 219                | 186                | 253    | 632,376             |
| Confectionery and ice cream, . . . . .          | 43   | 153,774             | 479,645                                       | 120,406  | 668.92                        | 170                   | 10      | 180                | 177                | 187    | 885,171             |
| Confectionery, . . . . .                        | 9  | 39,641              | 84,741  | 15,200   | 603.00                        | 22                    | 8       | 25                 | 20                 | 32     | 144,451             |
| Ice cream, . . . . .                            | 5  | 6,800               | 36,478  | 6,389  | 491.46                        | 10                    | 3       | 13                 | 11                 | 16     | 60,097              |
| Copper, tin, and sheet-iron products, . . . . . | 4  | 92,841              | 48,263  | 8,811  | 734.25                        | 12                    | -       | 12                 | 9                  | 16     | 84,354              |
| Cotton goods, . . . . .                         | 6  | 33,949              | 29,463  | 21,294   | 686.90                        | 31                    | -       | 31                 | 23                 | 46     | 67,526              |
| Foundry and machine-shop products, . . . . .    | 8  | 26,964,633          | 12,756,226                                    | 5,996,402  | 440.48                        | 6,831                 | 5,894   | 12,715             | 11,708             | 13,427 | 24,202,563          |
| Lumber, planing-mill products, . . . . .        | 25   | 4,412,964           | 1,336,715                                     | 1,229,015  | 634.50                        | 1,963                 | 16      | 1,968              | 1,637              | 2,424  | 3,136,542           |
| Mattresses and spring beds, . . . . .           | 7  | 190,146             | 110,216                                       | 74,406   | 791.54                        | 94                    | -       | 94                 | 68                 | 113    | 260,553             |
| Mineral and soda waters, . . . . .              | 3  | 16,600              | 26,263  | 11,068   | 537.06                        | 18                    | 3       | 21                 | 13                 | 21     | 46,337              |
| Monuments and tombstones, . . . . .             | 4  | 31,144              | 12,203  | 8,091  | 606.54                        | 12                    | 1       | 13                 | 12                 | 19     | 35,554              |
|   | 6  | 20,356              | 12,233  | 12,215   | 314.33                        | 15                    | -       | 16                 | 13                 | 21     | 39,337              |

| Patent medicines and compounds and druggists' preparations, . . . . . | 7   | 1,181,806  | 800,369    | 83,110    | 516.43 | 96    | 61    | 139    | 115   | 377    | 790,817    |
|---|-----|------------|------------|-----------|--------|-------|-------|--------|-------|--------|------------|
| Printing and publishing, . . . . .                                    | 15  | 419,464    | 243,039    | 203,140   | 943.90 | 198   | 43    | 241    | 200   | 303    | 611,639    |
| Tobacco manufactures, . . . . .                                       | 9   | 28,086     | 26,725     | 13,323    | 624.86 | 31    | -     | 31     | 20    | 23     | 55,799     |
| Wood, turned and carved, . . . . .                                    | 4   | 351,453    | 196,775    | 123,376   | 288.86 | 343   | -     | 243    | 265   | 404    | 363,871    |
| Woolen and worsted goods, . . . . .                                   | 11  | 4,095,797  | 2,581,835  | 824,262   | 491.00 | 830   | 819   | 1,069  | 1,157 | 2,090  | 3,907,039  |
| Other industries, . . . . .   | 74  | 23,986,973 | 12,799,533 | 6,133,575 | 515.01 | 6,097 | 5,817 | 11,914 | 8,337 | 19,043 | 23,333,836 |
| <b>LYONS.</b>   |     |            |            |           |        |       |       |        |       |        |            |
| Blackings, stains, and dressings, . . . . .                           | 11  | 215,032    | 369,468    | 61,839    | 998.31 | 63    | -     | 63     | 56    | 75     | 634,394    |
| Boot and shoe cut stock and findings, . . . . .                       | 90  | 5,239,731  | 11,675,513 | 793,946   | 860.55 | 964   | 361   | 1,345  | 1,020 | 1,808  | 14,156,763 |
| Boots and shoes, . . . . .  | 101 | 12,408,957 | 14,968,757 | 7,324,913 | 963.44 | 6,373 | 4,518 | 10,300 | 7,543 | 13,433 | 37,090,090 |
| Bones, fancy and paper, . . . . .                                     | 7   | 437,338    | 346,773    | 176,064   | 335.33 | 163   | 173   | 335    | 303   | 384    | 710,061    |
| Bread and other bakery products, . . . . .                            | 24  | 202,179    | 459,577    | 123,905   | 737.35 | 157   | 13    | 169    | 165   | 173    | 853,330    |
| Carriages and wagons, and materials, . . . . .                        | 6   | 43,453     | 11,353     | 21,104    | 737.73 | 29    | -     | 29     | 17    | 40     | 51,767     |
| Confectionery and ice cream, . . . . .                                | 5   | 81,645     | 76,083     | 34,690    | 649.74 | 31    | 7     | 38     | 28    | 43     | 134,968    |
| Foundry and machine-shop products, . . . . .                          | 24  | 1,040,145  | 190,308    | 219,923   | 753.17 | 337   | 5     | 303    | 219   | 399    | 633,770    |
| Leads, . . . . .  | 7   | 297,235    | 96,317     | 140,661   | 931.53 | 151   | -     | 151    | 115   | 302    | 384,986    |
| Leather, tanned, curried, and finished, . . . . .                     | 9   | 1,003,237  | 1,761,793  | 273,729   | 557.46 | 500   | -     | 500    | 374   | 610    | 2,992,735  |
| Lumber, planing-mill products, . . . . .                              | 5   | 98,424     | 125,653    | 56,376    | 704.70 | 80    | -     | 80     | 67    | 92     | 246,966    |
| Mineral and soda waters, . . . . .                                    | 4   | 47,451     | 23,893     | 10,904    | 736.93 | 15    | -     | 15     | 10    | 25     | 61,688     |
| Molds and patterns, not including paper patterns, . . . . .           | 13  | 133,195    | 41,616     | 66,516    | 725.36 | 84    | 8     | 93     | 65    | 140    | 193,363    |
| Monuments and tombstones, . . . . .                                   | 4   | 29,339     | 10,331     | 14,061    | 573.51 | 16    | -     | 16     | 12    | 25     | 45,593     |
| Tobacco manufactures, . . . . .                                       | 3   | 7,131      | 13,445     | 10,321    | 638.81 | 13    | 3     | 16     | 11    | 20     | 30,175     |
| Other industries, . . . . .   | 79  | 13,407,065 | 7,895,002  | 5,068,646 | 660.53 | 7,063 | 1,997 | 8,790  | 7,706 | 10,153 | 31,223,340 |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                       | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|  |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|  |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
| MALDEN.                                      | 76   | \$10,865,707        | \$4,889,945                                   | \$1,737,267                                      | \$289.18                      | 1,744                 | 1,539   | 3,283         | 2,784              | 3,883              | \$9,387,544         |
| All industries, . . . . .                    | 75   | 10,855,707          | 4,280,945                                     | 1,737,267  | 539.18                        | 1,744                 | 1,539   | 3,283         | 2,784              | 3,883              | 9,387,544           |
| MARLBOROUGH.                                 | 35   | 3,214,451           | 7,993,216                                     | 2,305,441  | \$73.60                       | 2,785                 | 1,231   | 3,946         | 3,085              | 5,065              | \$12,393,321        |
| All industries, . . . . .                    | 35   | 3,214,451           | 7,993,216                                     | 2,305,441  | \$73.60                       | 2,785                 | 1,231   | 3,946         | 3,085              | 5,065              | 12,393,321          |
| MEDFORD.                                     | 28   | 2,397,719           | 1,187,089                                     | 424,670  | \$43.47                       | 573                   | 89      | 661           | 486                | 810                | \$2,186,365         |
| All industries, . . . . .                    | 28   | 2,397,719           | 1,187,089                                     | 424,670  | 643.47                        | 573                   | 89      | 661           | 486                | 810                | 2,186,365           |
| MELROSE.                                     | 21   | 4,453,457           | 1,637,081                                     | 594,906  | \$95.39                       | 577                   | 609     | 1,186         | 909                | 1,383              | \$3,053,393         |
| All industries, . . . . .                    | 21   | 4,453,457           | 1,637,081                                     | 594,906  | 508.29                        | 577                   | 609     | 1,186         | 909                | 1,383              | 3,053,393           |
| NEW BEDFORD.                                 | 801  | 90,745,069          | \$7,513,646                                   | 17,654,676                                       | \$13.35                       | 30,708                | 13,646  | 34,353        | 30,708             | 37,626             | \$9,245,549         |
| Bread and other bakery products, . . . . .   | 49   | 473,090             | 697,491                                       | 202,865  | \$96.06                       | 283                   | 57      | 340           | 328                | 356                | 1,375,356           |
| Confectionery and ice cream, . . . . .       | 6  | 34,027              | 99,390  | 10,770   | \$73.13                       | 16                    | -       | 16            | 13                 | 25                 | 100,990             |
| Cotton goods, . . . . .                      | 30   | 80,575,251          | 29,390,913                                    | 14,671,143                                       | 495.36                        | 16,730                | 12,902  | 29,632        | 26,583             | 32,069             | \$4,146,716         |
| Foundry and machine-shop products, . . . . . | 17   | 943,626             | 212,777                                       | 190,406  | \$43.36                       | 375                   | 21      | 396           | 253                | 360                | \$94,068            |
| Lumber, planing-mill products, . . . . .     | 6  | 57,345              | 130,241                                       | 47,891   | \$84.16                       | 70                    | -       | 70            | 57                 | 82                 | 210,538             |
| Mineral and soda waters, . . . . .           | 5  | 107,437             | 41,813  | 23,298   | \$99.68                       | 24                    | 5       | 29            | 23                 | 54                 | \$6,378             |
| Monuments and tombstones, . . . . .          | 4  | 14,990              | 8,881   | 12,987   | \$87.80                       | 15                    | -       | 15            | 11                 | 19                 | 28,191              |

|  |    |            |           |           |        |       |       |       |       |       |            |
|--|----|------------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Printing and publishing, . . . . .   | 15 | 296,385    | 114,025   | 167,342   | 753.79 | 107   | 25    | 222   | 206   | 228   | 498,535    |
| Sausage, not made in slaughtering and meat-<br>packing establishments, . . . . . | 5  | 41,390     | 261,947   | 18,285    | 653.04 | 28    | -     | 28    | 26    | 29    | 330,243    |
| Other industries, . . . . .  | 94 | 8,471,685  | 6,375,073 | 2,289,721 | 618.18 | 3,068 | 636   | 3,704 | 3,203 | 4,479 | 11,964,537 |
| <b>NEWBURYPORT.</b>  |    |            |           |           |        |       |       |       |       |       |            |
| Boot and shoe cut stock and findings, . . . . .                                  | 42 | 6,779,976  | 4,486,375 | 1,769,611 | 509.83 | 2,985 | 1,186 | 3,471 | 2,854 | 4,178 | 8,089,969  |
| Boots and shoes, . . . . .   | 5  | 166,640    | 231,509   | 61,359    | 433.30 | 80    | 62    | 142   | 94    | 184   | 378,113    |
| Boxes, fancy and paper, . . . . .  | 12 | 2,144,027  | 2,225,011 | 992,390   | 510.70 | 1,163 | 780   | 1,943 | 1,624 | 2,349 | 3,763,112  |
| Bread and other bakery products, . . . . .                                       | 3  | 32,115     | 28,287    | 17,276    | 431.90 | 13    | 27    | 40    | 37    | 46    | 53,117     |
| Other industries, . . . . .  | 10 | 161,401    | 166,024   | 42,886    | 492.94 | 49    | 38    | 87    | 69    | 114   | 362,461    |
|  | 22 | 4,273,793  | 1,947,041 | 655,030   | 530.75 | 980   | 279   | 1,269 | 1,080 | 1,488 | 3,833,156  |
| <b>NEWTON.</b>   |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products, . . . . .                                       | 45 | 8,335,017  | 3,798,416 | 1,107,131 | 554.69 | 1,468 | 579   | 2,071 | 1,717 | 2,449 | 6,646,300  |
| Lumber, planing-mill products, . . . . .   | 8  | 43,107     | 64,300    | 11,688    | 779.20 | 15    | -     | 15    | 14    | 16    | 96,536     |
| Other industries, . . . . .  | 4  | 244,366    | 160,136   | 79,437    | 873.93 | 91    | -     | 91    | 74    | 112   | 311,761    |
|  | 33 | 5,536,544  | 2,585,980 | 1,016,006 | 517.05 | 1,386 | 579   | 1,965 | 1,629 | 2,320 | 5,227,613  |
| <b>NORTH ADAMS.</b>  |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products, . . . . .                                       | 60 | 13,351,807 | 7,380,691 | 2,760,255 | 541.97 | 3,571 | 1,532 | 5,093 | 4,367 | 5,784 | 12,928,066 |
| Foundry and machine-shop products, . . . . .                                     | 9  | 294,353    | 350,528   | 69,723    | 464.56 | 92    | 49    | 141   | 123   | 145   | 607,594    |
| Tobacco manufactures, . . . . .  | 5  | 337,167    | 108,078   | 119,866   | 734.15 | 163   | -     | 163   | 107   | 184   | 339,389    |
| Other industries, . . . . .  | 8  | 23,810     | 32,777    | 26,371    | 573.28 | 43    | 4     | 46    | 43    | 53    | 81,027     |
|  | 33 | 12,784,467 | 6,794,063 | 2,544,465 | 536.47 | 3,874 | 1,490 | 4,713 | 4,080 | 5,402 | 11,254,166 |
| <b>NORTHAMPTON.</b>  |    |            |           |           |        |       |       |       |       |       |            |
| Bread and other bakery products, . . . . .                                       | 61 | 10,611,968 | 4,200,919 | 1,644,073 | 544.04 | 2,617 | 1,091 | 3,408 | 2,839 | 3,927 | 8,798,639  |
| Cutlery and tools, not elsewhere specified, . . . . .                            | 8  | 64,987     | 126,175   | 29,103    | 661.43 | 44    | -     | 44    | 41    | 45    | 213,967    |
| Tobacco manufactures, . . . . .  | 4  | 537,363    | 156,100   | 248,914   | 596.98 | 402   | 15    | 417   | 299   | 476   | 510,382    |
| Other industries, . . . . .  | 5  | 17,233     | 12,333    | 9,597     | 639.80 | 14    | 1     | 15    | 15    | 16    | 31,774     |
|  | 44 | 9,801,387  | 3,913,263 | 1,560,459 | 534.26 | 1,867 | 1,075 | 2,932 | 2,477 | 3,390 | 7,972,816  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

| CITIES AND INDUSTRIES.                                | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |               | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |               |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    |                    |               |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    | Both<br>Sexes |                     |
| PITTSBURGH.   | 65   | \$14,954,146        | \$2,568,489                                   | \$4,746,191                                      | \$632.49                      | 5,245                 | 1,989   | 7,374              | 9,247              | 8,243         | \$19,308,735        |
| Bread and other bakery products, . . . . .            | 14   | 79,268              | 153,293                                       | 43,167   | 784.55                        | 55                    | -       | 55                 | 53                 | 56            | 269,463             |
| Woolen and worsted goods, . . . . .                   | 5  | 2,804,532           | 2,322,607                                     | 1,063,904  | 540.74                        | 1,394                 | 545     | 1,949              | 1,480              | 2,259         | 4,814,467           |
| Other industries, . . . . .                           | 44   | 12,070,216          | 5,586,589                                     | 2,649,120  | 692.43                        | 2,896                 | 1,374   | 5,270              | 4,514              | 5,023         | 14,228,806          |
| QUINCY.   | 157  | 19,368,145          | 7,371,804                                     | 6,532,977  | \$98.45                       | 9,093                 | 325     | 9,478              | 6,496              | 7,143         | 16,092,133          |
| Cutlery and tools, not elsewhere specified, . . . . . | 4  | 48,522              | 22,305  | 14,051   | 701.05                        | 20                    | -       | 20                 | 18                 | 23            | 51,900              |
| Foundry and machine-shop products, . . . . .          | 9  | 2,760,893           | 273,853                                       | 373,519  | 339.33                        | 454                   | -       | 454                | 361                | 553           | 1,037,051           |
| Marble and stone work, . . . . .                      | 13   | 1,095,302           | 168,908                                       | 278,923  | 393.51                        | 347                   | -       | 347                | 392                | 398           | 674,083             |
| Monuments and tombstones, . . . . .                   | 96   | 1,359,896           | 681,253                                       | 779,899  | 316.63                        | 965                   | -       | 965                | 759                | 1,137         | 2,138,393           |
| Other industries, . . . . .                           | 30   | 14,702,573          | 6,794,836                                     | 3,787,645  | 398.40                        | 4,312                 | 335     | 4,697              | 4,066              | 5,043         | 12,190,118          |
| REVERE.   | 13   | \$69,541            | \$24,007                                      | \$1,761  | 761.19                        | 64                    | 4       | 68                 | 50                 | 131           | 495,367             |
| All industries, . . . . .                             | 13   | \$63,541            | \$24,007                                      | \$1,761  | 761.19                        | 64                    | 4       | 68                 | 50                 | 131           | 495,367             |
| SALEM.  | 138  | 10,610,310          | 7,041,435                                     | \$383,997  | \$45.39                       | 9,970                 | 1,316   | 4,369              | 5,165              | 5,260         | 11,444,069          |
| Boot and shoe cut stock and findings, . . . . .       | 23   | 325,427             | 398,797                                       | 148,177  | 335.38                        | 311                   | 173     | 384                | 394                | 497           | 685,178             |
| Boots and shoes, . . . . .                            | 10   | 2,057,714           | 2,611,794                                     | 992,149  | 339.51                        | 1,123                 | 773     | 1,905              | 1,509              | 2,236         | 4,397,853           |
| Bread and other bakery products, . . . . .            | 12   | 80,927              | 167,012                                       | 47,040   | 746.67                        | 68                    | -       | 68                 | 60                 | 70            | 292,405             |
| Foundry and machine-shop products, . . . . .          | 16   | \$71,219            | 157,368                                       | 140,583  | 778.11                        | 180                   | 1       | 181                | 155                | 302           | 413,835             |
| Leather, tanned, curried, and finished, . . . . .     | 21   | 1,201,708           | 1,571,345                                     | 475,636  | 612.14                        | 769                   | 8       | 777                | 513                | 1,080         | 2,457,123           |
| Other industries, . . . . .                           | 47   | 6,573,315           | 2,140,369                                     | 535,147  | 538.06                        | 614                   | 393     | 976                | 694                | 1,336         | 3,327,704           |

| SOMERVILLE.   |  | 190 | 90,009,478 | 88,083,401 | 8,458,947 | 696.61   | 5,148  | 878   | 5,454  | 4,321  | 6,066  | 44,746,448 |
|---|--|-----|------------|------------|-----------|----------|--------|-------|--------|--------|--------|------------|
| Bread and other bakery products, . . . . .            |  | 23  | 197,388    | 401,100    | 97,803    | 698.90   | 131    | 19    | 140    | 137    | 144    | 600,228    |
| Confectionery and ice cream, . . . . .                |  | 6   | 94,878     | 165,872    | 40,350    | 630.77   | 48     | 17    | 68     | 41     | 96     | 276,306    |
| Foundry and machine-shop products, . . . . .          |  | 8   | 140,992    | 94,817     | 58,063    | 793.94   | 77     | -     | 77     | 65     | 92     | 217,660    |
| Other industries, . . . . .                           |  | 83  | 19,606,215 | 37,300,606 | 3,354,743 | 633.36   | 4,002  | 240   | 5,143  | 4,578  | 5,763  | 48,786,963 |
| SPRINGFIELD.  |  | 297 | 44,196,822 | 81,980,577 | 9,799,196 | 670.87   | 10,367 | 8,648 | 14,518 | 11,478 | 17,766 | 42,415,068 |
| Automobiles, including bodies and parts, . . . . .    |  | 7   | 1,796,106  | 604,313    | 456,818   | 833.10   | 649    | 6     | 655    | 351    | 865    | 1,325,941  |
| Brass, bronze, and copper products, . . . . .         |  | 5   | 636,333    | 546,560    | 160,794   | 601.96   | 245    | 23    | 267    | 233    | 324    | 963,272    |
| Bread and other bakery products, . . . . .            |  | 22  | 663,533    | 743,607    | 214,008   | 756.31   | 260    | 33    | 283    | 264    | 307    | 1,341,455  |
| Carriages and wagons, . . . . .                       |  | 6   | 175,596    | 48,154     | 40,410    | 824.60   | 49     | -     | 49     | 37     | 71     | 110,807    |
| Copper, tin, and sheet-iron products, . . . . .       |  | 6   | 136,078    | 60,570     | 65,080    | 794.20   | 83     | -     | 83     | 68     | 104    | 174,702    |
| Cultery and tools, not elsewhere specified, . . . . . |  | 3   | 804,087    | 274,966    | 277,060   | 837.00   | 324    | -     | 324    | 294    | 361    | 707,107    |
| Fancy articles, not elsewhere specified, . . . . .    |  | 3   | 72,863     | 54,812     | 28,963    | 467.15   | 14     | 43    | 63     | 26     | 95     | 105,639    |
| Foundry and machine-shop products, . . . . .          |  | 28  | 6,094,618  | 1,932,623  | 1,860,368 | 781.18   | 1,941  | 68    | 2,009  | 1,448  | 2,577  | 5,123,464  |
| Lumber, planing-mill products, . . . . .              |  | 3   | 220,620    | 106,677    | 76,327    | 809.97   | 93     | -     | 93     | 80     | 104    | 312,100    |
| Mattresses and spring beds, . . . . .                 |  | 5   | 201,978    | 111,453    | 89,324    | 587.23   | 88     | 15    | 78     | 57     | 84     | 211,795    |
| Mineral and soda waters, . . . . .                    |  | 5   | 32,195     | 28,895     | 12,645    | 786.06   | 17     | 1     | 18     | 14     | 26     | 87,909     |
| Paper goods, not elsewhere specified, . . . . .       |  | 8   | 1,457,225  | 894,868    | 263,418   | 547.50   | 243    | 224   | 473    | 399    | 571    | 1,557,773  |
| Photo-engraving, . . . . .                            |  | 4   | 32,598     | 7,821      | 42,005    | 1,065.20 | 40     | -     | 40     | 33     | 46     | 81,000     |
| Tobacco manufactures, . . . . .                       |  | 21  | 400,093    | 357,365    | 703.51    | 295      | 295    | 213   | 508    | 440    | 571    | 981,424    |
| Other industries, . . . . .                           |  | 181 | 31,472,006 | 15,990,863 | 6,126,453 | 633.40   | 6,661  | 3,016 | 9,677  | 7,743  | 11,590 | 30,337,185 |
| TAUNTON.  |  | 108 | 18,061,886 | 9,778,904  | 2,989,597 | 556.44   | 5,164  | 1,916 | 7,080  | 6,308  | 7,966  | 17,987,408 |
| Bread and other bakery products, . . . . .            |  | 10  | 68,504     | 172,064    | 43,877    | 782.25   | 57     | -     | 57     | 54     | 53     | 275,303    |
| Brick and tile, . . . . .                             |  | 4   | 449,137    | 80,579     | 120,623   | 566.30   | 213    | -     | 213    | 150    | 270    | 283,264    |
| Cotton goods, . . . . .                               |  | 12  | 6,455,270  | 2,987,653  | 1,245,481 | 430.06   | 1,544  | 1,289 | 2,833  | 2,568  | 3,013  | 5,363,601  |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Concluded.

| CITIES AND INDUSTRIES.  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    |             | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|-------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |             |                     |
|   |  |                     |   |  |                               | Males                 | Females |                    | Both<br>Sexes      |             |                     |
|   |  |                     |   |  |                               |                       |         |                    |                    |             |                     |
| TAUNTON — Concluded.  |  |                     |   |  |                               |                       |         |                    |                    |             |                     |
| Foundry and machine-shop products,                                | 8  | \$3,182,464         | \$736,811                                     | \$453,380  | \$682.40                      | 687                   | 5       | 662                | 900                | \$1,579,378 |                     |
| Stoves and hot-air furnaces, not including<br>gas and oil stoves, | 6  | 1,331,332           | 622,468                                       | 660,570  | 811.45                        | 849                   | 2       | 851                | 894                | 1,825,554   |                     |
| Tobacco manufactures,   | 6  | 16,475              | 17,331  | 10,570   | 603.89                        | 13                    | 5       | 18                 | 20                 | 42,337      |                     |
| Other industries,   | 56   | 6,545,794           | 5,305,648                                     | 1,370,797  | 567.38                        | 1,801                 | 615     | 2,416              | 2,760              | 8,680,980   |                     |
| WALTHAM.  |  |                     |   |  |                               |                       |         |                    |                    |             |                     |
| Bread and other bakery products,                                  | 75   | \$3,534,723         | \$,377,106                                    | 4,018,351  | 668.16                        | 4,300                 | 1,714   | 6,014              | 7,387              | 10,387,073  |                     |
| Confectionery and ice cream,                                      | 6  | 63,363              | 165,907                                       | 45,578   | 949.59                        | 54                    | —       | 54                 | 55                 | 337,948     |                     |
| Cutlery and tools, not elsewhere specified,                       | 4  | 34,000              | 36,364  | 5,660  | 665.00                        | 6                     | 2       | 8                  | 8                  | 61,373      |                     |
| Foundry and machine-shop products,                                | 11   | 133,643             | 47,376  | 54,351   | 382.05                        | 140                   | 2       | 142                | 172                | 144,186     |                     |
| Watch and clock materials,  | 5  | 719,364             | 197,981                                       | 307,577  | 706.16                        | 431                   | 5       | 436                | 540                | 730,176     |                     |
| Other industries,   | 45   | 113,794             | 35,310  | 66,933   | 562.65                        | 61                    | 57      | 118                | 123                | 151,066     |                     |
|   |  | 23,455,704          | 3,374,819                                     | 3,394,323  | 672.55                        | 3,008                 | 1,643   | 5,356              | 6,439              | 9,522,324   |                     |
| WOBBURN.  |  |                     |   |  |                               |                       |         |                    |                    |             |                     |
| Boot and shoe cut stock and findings,                             | 49   | 10,393,371          | \$,395,504                                    | 1,305,163  | 608.98                        | 1,391                 | 63      | 1,379              | 2,517              | 2,706,914   |                     |
| Bread and other bakery products,                                  | 3  | 91,266              | 36,009  | 24,353   | 449.69                        | 30                    | 24      | 54                 | 83                 | 58,345      |                     |
| Cutlery and tools, not elsewhere specified,                       | 2  | 45,743              | 24,337  | 6,673  | 741.44                        | 9                     | —       | 9                  | 9                  | 41,575      |                     |
| Foundry and machine-shop products,                                | 4  | 274,666             | 115,969                                       | 53,360   | 834.75                        | 16                    | 1       | 17                 | 24                 | 31,307      |                     |
|   |  |                     |   |  |                               | 101                   | —       | 101                | 106                | 263,140     |                     |

|  |              |                        |                      |                      |                 |                 |                |                |                |                |                        |
|--|--------------|------------------------|----------------------|----------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|------------------------|
| Leather, tanned, curried, and finished,                                      | 18           | 7,757,290              | 4,270,261            | 764,351              | 615.83          | 1,263           | 11             | 1,274          | 941            | 1,638          | 6,169,319              |
| Other industries, . . . . .  | 17           | 2,399,287              | 888,365              | 295,114              | 563.77          | 472             | 53             | 534            | 256            | 627            | 2,118,328              |
| <b>Worcester.</b>  |              |                        |                      |                      |                 |                 |                |                |                |                |                        |
| Foots and shoes, . . . . .   | 608          | 86,040,987             | 55,777,087           | 19,387,545           | 644.62          | 85,980          | 6,839          | 30,789         | 63,639         | 32,392         | 99,354,217             |
| Brass, bronze, and copper products, . . . . .                                | 10           | 1,351,287              | 1,652,081            | 529,085              | 566.90          | 501             | 435            | 996            | 660            | 1,215          | 2,657,960              |
| Bread and other bakery products, . . . . .                                   | 3            | 35,868                 | 47,497               | 10,283               | 935.00          | 11              | -              | 11             | 9              | 14             | 68,061                 |
| Clothing, men's, . . . . .   | 53           | 444,233                | 995,498              | 219,250              | 643.67          | 370             | 68             | 338            | 318            | 363            | 1,542,753              |
| Clothing, women's, . . . . .   | 16           | 398,739                | 487,787              | 159,544              | 470.63          | 131             | 208            | 339            | 306            | 399            | 757,080                |
| Confectionery and ice cream, . . . . .                                       | 11           | 45,897                 | 112,047              | 19,464               | 696.14          | 26              | 3              | 28             | 24             | 32             | 197,141                |
| Copper, tin, and sheet-iron products, . . . . .                              | 14           | 1,235,066              | 994,992              | 405,029              | 692.36          | 572             | 13             | 585            | 388            | 751            | 2,130,113              |
| Cutlery and tools, not elsewhere specified, . . . . .                        | 12           | 874,214                | 280,395              | 325,766              | 733.71          | 396             | 58             | 444            | 371            | 534            | 919,068                |
| Electroplating, . . . . .  | 5            | 32,257                 | 14,189               | 27,242               | 536.12          | 51              | -              | 51             | 38             | 68             | 63,689                 |
| Foundry and machine-shop products, . . . . .                                 | 79           | 17,270,723             | 6,756,417            | 5,112,133            | 706.83          | 7,194           | 38             | 7,223          | 4,779          | 9,298          | 16,628,966             |
| Mineral and soda waters, . . . . .   | 7            | 63,943                 | 72,750               | 27,066               | 736.76          | 33              | 1              | 34             | 18             | 54             | 130,315                |
| Models and patterns, not including paper patterns, . . . . .                 | 4            | 26,280                 | 21,723               | 41,063               | 838.02          | 49              | -              | 49             | 34             | 66             | 84,681                 |
| Sausage, not made in slaughtering and meat-packing establishments, . . . . . | 5            | 53,714                 | 260,400              | 21,166               | 755.93          | 33              | -              | 28             | 26             | 29             | 244,196                |
| Tobacco manufactures, . . . . .  | 16           | 46,507                 | 55,501               | 35,619               | 592.65          | 46              | 14             | 60             | 43             | 91             | 116,304                |
| Wirework, including wire rope and cable, . . . . .                           | 9            | 2,122,788              | 1,239,443            | 549,195              | 531.14          | 802             | 232            | 1,024          | 922            | 1,194          | 2,646,971              |
| Woolen and worsted goods, . . . . .  | 12           | 2,346,188              | 2,486,334            | 689,228              | 499.86          | 603             | 714            | 1,407          | 1,145          | 1,697          | 3,957,332              |
| Other industries, . . . . .  | 238          | 59,074,943             | 39,614,145           | 11,390,560           | 649.85          | 12,031          | 4,997          | 17,528         | 13,721         | 21,724         | 65,790,474             |
| <b>TOTAL FOR THE 35 CITIES, . . . . .</b>                                    | <b>7,968</b> | <b>\$1,151,900,906</b> | <b>\$719,372,871</b> | <b>\$257,672,379</b> | <b>\$437.73</b> | <b>\$93,840</b> | <b>129,455</b> | <b>453,295</b> | <b>369,658</b> | <b>519,639</b> | <b>\$1,996,662,911</b> |

TABLE 1. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

| INDUSTRY.                                  | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|  |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|  |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |
| METROPOLITAN BOSTON.                       | 4,139                                      | \$454,925,941       | \$331,394,349                                 | \$395,941,596                                    | \$949.55                      | 119,943               | 46,974  | 106,617            | 136,391            | \$682,796,410       |
| Artificial stone products, . . . . .       | 15   | 346,615             | 101,093                                       | 102,546  | 736.50                        | 231                   | -       | 231                | 137                | 300                 |
| Automobiles, including bodies and parts, . | 35   | 3,211,143           | 2,432,967                                     | 1,350,325  | 893.39                        | 1,674                 | 7       | 1,681              | 1,066              | 2,235               |
| Awnings, tents, and sails, . . . . .       | 26   | 205,148             | 804,439                                       | 134,607  | 603.14                        | 128                   | 78      | 206                | 123                | 333                 |
| Baskets, and rattan and willow ware, . .   | 8  | 61,411              | 27,305  | 39,374   | 534.07                        | 43                    | 13      | 55                 | 40                 | 60                  |
| Belting, leather, . . . . .                | 5  | 616,902             | 641,035                                       | 45,969   | 792.57                        | 57                    | 1       | 53                 | 56                 | 64                  |
| Billiard tables and materials, . . . . .   | 5  | 110,700             | 80,677  | 26,373   | 831.00                        | 32                    | -       | 23                 | 31                 | 34                  |
| Blacking, stains, and dressings, . . . . . | 27   | 1,161,353           | 1,498,023                                     | 238,083  | 568.66                        | 311                   | 190     | 401                | 323                | 490                 |
| Bookbinding and blank-book making, . .     | 55   | 1,396,689           | 533,345                                       | 795,676  | 563.33                        | 654                   | 761     | 1,415              | 1,269              | 1,983               |
| Boot and shoe cut stock and findings, . .  | 145  | 12,038,946          | 26,669,639                                    | 1,582,666  | 577.83                        | 2,048                 | 691     | 2,739              | 2,097              | 3,356               |
| Boots and shoes, . . . . .                 | 140  | 28,947,371          | 32,329,409                                    | 14,612,308                                       | 568.51                        | 14,684                | 10,096  | 24,680             | 19,333             | 28,822              |
| Boots and shoes, rubber, . . . . .         | 5  | 19,627,229          | 8,900,493                                     | 4,247,385  | 546.35                        | 4,444                 | 3,514   | 7,953              | 7,110              | 8,850               |
| Bones, fancy and paper, . . . . .          | 43   | 1,900,131           | 1,573,337                                     | 966,445  | 461.00                        | 794                   | 1,363   | 2,096              | 1,865              | 2,391               |
| Bones, wooden packing, . . . . .           | 10   | 1,943,506           | 927,347                                       | 347,443  | 623.77                        | 460                   | 67      | 537                | 502                | 666                 |
| Bread and other bakery products, . . . .   | 434  | 7,793,449           | 9,669,532                                     | 2,408,431  | 676.53                        | 2,923                 | 637     | 3,500              | 3,560              | 4,086               |
| Brick and tile, . . . . .                  | 10   | 1,101,067           | 128,999                                       | 132,666  | 604.16                        | 236                   | 18      | 304                | 123                | 472                 |
| Canning and preserving, . . . . .          | 26   | 1,136,601           | 1,966,457                                     | 266,574  | 574.51                        | 236                   | 178     | 464                | 374                | 609                 |
| Carriages and wagons, and materials, . .   | 45   | 789,557             | 372,044                                       | 398,703  | 773.73                        | 512                   | -       | 512                | 414                | 637                 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |       |                    |                    | Value of<br>Product |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|-------|--------------------|--------------------|---------------------|
|   |  |                     |   |  |                               | Average Number        |         |       | Smallest<br>Number | Greatest<br>Number |                     |
|   |  |                     |   |  |                               | Both<br>Sexes         |         |       |                    |                    |                     |
|   |  |                     |   |  |                               | Males                 | Females |       |                    |                    |                     |
| Metropolitan Boston — Continued.                                |  |                     |   |  |                               |                       |         |       |                    |                    |                     |
| Furnishing goods, men's, . . . . .                              | 7  | \$489,047           | \$657,329                                     | \$104,063  | \$428.96                      | 33                    | 211     | 244   | 281                | \$994,098          |                     |
| Furniture, . . . . .  | 63   | 4,073,053           | 2,273,054                                     | 1,550,127  | 632.27                        | 2,090                 | 183     | 2,372 | 2,637              | 5,451,817          |                     |
| Gas and electric fixtures, . . . . .                            | 11   | 167,337             | 138,066                                       | 68,974   | 757.96                        | 91                    | —       | 91    | 80                 | 298,249            |                     |
| Gas, illuminating and heating, . . . . .                        | 13   | 38,437,944          | 2,911,689                                     | 564,863  | 719.57                        | 785                   | —       | 755   | 698                | 8,543,853          |                     |
| Glass, cutting, staining, and ornamenting, .                    | 22   | 133,800             | 56,364  | 105,063  | 778.17                        | 120                   | 5       | 135   | 112                | 230,370            |                     |
| Gold and silver, leaf and foil, . . . . .                       | 8  | 101,674             | 81,847  | 59,749   | 563.88                        | 45                    | 45      | 90    | 83                 | 159,817            |                     |
| Grease and tallow, . . . . .                                    | 9  | 673,783             | 698,716                                       | 134,160  | 698.75                        | 192                   | —       | 192   | 183                | 973,701            |                     |
| Hand stamps and stencils and brands, . .                        | 15   | 77,285              | 27,467  | 49,823   | 808.58                        | 62                    | —       | 62    | 56                 | 161,666            |                     |
| Hardware, . . . . .   | 20   | 374,212             | 106,813                                       | 121,169  | 734.36                        | 165                   | 10      | 165   | 138                | 360,403            |                     |
| Hats and caps, other than felt, straw, and<br>wool, . . . . .   | 23   | 222,926             | 376,121                                       | 153,473  | 646.33                        | 166                   | 79      | 245   | 195                | 734,344            |                     |
| Hosiery and knit goods, . . . . .                               | 20   | 5,160,197           | 3,074,887                                     | 1,137,450  | 493.28                        | 708                   | 1,568   | 2,306 | 1,694              | 5,771,083          |                     |
| House-furnishing goods, not elsewhere speci-<br>fied, . . . . . | 16   | 707,682             | 640,397                                       | 167,933  | 476.23                        | 170                   | 183     | 323   | 224                | 1,019,825          |                     |
| Instruments, professional and scientific, .                     | 19   | 1,107,234           | 414,073                                       | 399,101  | 694.09                        | 510                   | 65      | 576   | 415                | 1,319,459          |                     |
| Jewelry, . . . . .  | 23   | 557,248             | 370,815                                       | 240,541  | 715.90                        | 226                   | 80      | 326   | 256                | 855,843            |                     |
| Jewelry and instrument cases, . . . . .                         | 6  | 463,172             | 160,391                                       | 123,673  | 429.66                        | 98                    | 196     | 294   | 319                | 464,188            |                     |

|   |     |            |            |           |        |       |       |       |       |       |            |
|---|-----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Leats, . . . . .  | 10  | 458,333    | 169,065    | 314,240   | 915.56 | 264   | -     | 224   | 191   | 292   | 576,536    |
| Leather goods, not elsewhere specified, . . . . .                       | 21  | 397,318    | 435,209    | 162,991   | 482.22 | 133   | 205   | 338   | 290   | 433   | 792,253    |
| Leather, tanned, curried, and finished, . . . . .                       | 40  | 11,997,572 | 10,795,705 | 1,719,032 | 594.02 | 2,872 | 19    | 2,891 | 2,205 | 3,798 | 15,064,579 |
| Liquors, malt, <sup>1</sup> . . . . .                                   | 13  | 14,760,342 | 2,232,120  | 1,211,729 | 986.75 | 1,216 | 12    | 1,228 | 1,146 | 1,297 | 8,827,108  |
| Looking-glass and picture frames, . . . . .                             | 21  | 191,467    | 188,948    | 86,054    | 682.97 | 126   | -     | 126   | 114   | 145   | 382,946    |
| Lumber, planing-mill products, . . . . .                                | 81  | 2,857,870  | 2,762,449  | 1,217,901 | 822.91 | 1,480 | -     | 1,480 | 1,128 | 1,872 | 5,075,801  |
| Marble and stone work, . . . . .  | 43  | 2,180,228  | 729,075    | 726,572   | 812.73 | 804   | -     | 804   | 703   | 1,168 | 2,154,464  |
| Mattresses and spring beds, . . . . .                                   | 28  | 788,722    | 1,150,721  | 308,045   | 804.01 | 399   | 111   | 510   | 439   | 634   | 1,907,665  |
| Millinery and lace goods, . . . . .                                     | 50  | 1,596,150  | 1,945,046  | 539,971   | 440.79 | 163   | 1,062 | 1,225 | 906   | 1,506 | 3,474,659  |
| Mineral and soda waters, . . . . .                                      | 43  | 928,272    | 524,177    | 129,405   | 748.01 | 173   | -     | 173   | 130   | 265   | 1,261,204  |
| Mirrors, . . . . .  | 8   | 146,271    | 236,967    | 81,972    | 677.45 | 121   | -     | 121   | 108   | 142   | 446,586    |
| Models and patterns, not including paper patterns, . . . . .            | 36  | 289,404    | 94,362     | 191,227   | 820.76 | 224   | 9     | 223   | 151   | 347   | 497,712    |
| Monuments and tombstones, . . . . .                                     | 120 | 1,437,825  | 741,470    | 852,936   | 820.92 | 1,039 | -     | 1,039 | 807   | 1,244 | 2,363,444  |
| Mucilage and paste, . . . . .   | 11  | 510,917    | 715,256    | 45,961    | 643.11 | 60    | 11    | 71    | 63    | 77    | 1,025,671  |
| Musical instruments and materials, not specified, . . . . .             | 12  | 304,006    | 122,190    | 141,540   | 680.43 | 159   | 49    | 208   | 149   | 250   | 247,276    |
| Musical instruments, pianos and organs, and materials, . . . . .        | 27  | 8,379,366  | 2,352,593  | 1,593,896 | 669.99 | 2,243 | 136   | 2,379 | 2,159 | 2,836 | 5,303,424  |
| Paints and varnishes, . . . . .   | 21  | 2,971,807  | 2,668,963  | 292,968   | 670.41 | 406   | 31    | 437   | 377   | 501   | 4,494,969  |
| Paper goods, not elsewhere specified, . . . . .                         | 20  | 347,461    | 190,279    | 84,440    | 435.26 | 64    | 130   | 194   | 128   | 262   | 460,046    |
| Patent medicines and compounds, and drug-gists' preparations, . . . . . | 63  | 4,067,181  | 3,075,113  | 563,215   | 537.35 | 467   | 601   | 1,068 | 831   | 1,350 | 7,004,489  |
| Plumbers' supplies, . . . . .   | 9   | 524,996    | 204,996    | 140,555   | 696.28 | 194   | 7     | 201   | 178   | 228   | 531,225    |

<sup>1</sup> Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

| Industries.   | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |  |
|---|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|--|
|   |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |  |
|   |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |  |
|   |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Metropolitan Boston — Concluded.  |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Printing and publishing, . . . . .  | 242  | \$14,906,185        | \$3,301,831                                   | \$5,990,880                                      | \$245.93                      | 5,571                 | 1,511   | 7,082         | 6,480              | 7,737              | \$21,841,141        |  |
| Refrigerators, . . . . .  | 8  | 187,268             | 122,700                                       | 68,524   | 783.01                        | 91                    | —       | 91            | 60                 | 109                | 296,847             |  |
| Rubber goods, not elsewhere specified, . . . . .                                  | 17   | 2,889,945           | 2,105,455                                     | 436,432  | 601.28                        | 636                   | 173     | 809           | 624                | 1,118              | 3,476,174           |  |
| Saddlery and harness, . . . . .   | 13   | 55,955              | 67,641  | 32,039   | 815.98                        | 39                    | 1       | 40            | 26                 | 46                 | 126,977             |  |
| Sausages, not made in slaughtering and meat-<br>pecking establishments, . . . . . | 16   | 250,559             | 1,170,886                                     | 112,003  | 708.19                        | 158                   | 1       | 159           | 147                | 174                | 1,443,167           |  |
| Screws, machine, . . . . .  | 8  | 340,518             | 163,607                                       | 106,481  | 671.85                        | 149                   | 8       | 157           | 120                | 189                | 360,089             |  |
| Show cases, . . . . .   | 9  | 62,222              | 53,637  | 41,228   | 877.19                        | 47                    | —       | 47            | 40                 | 58                 | 139,034             |  |
| Signs and advertising novelties, . . . . .  | 10   | 110,768             | 93,138  | 81,008   | 623.14                        | 97                    | 33      | 130           | 94                 | 169                | 288,091             |  |
| Slaughtering and meat pecking, . . . . .  | 16   | 14,108,023          | 34,894,450                                    | 1,563,914  | 630.86                        | 2,400                 | 19      | 2,479         | 2,356              | 2,678              | 38,187,379          |  |
| Soap, . . . . .   | 21   | 2,631,553           | 2,283,250                                     | 243,017  | 596.63                        | 261                   | 127     | 408           | 346                | 497                | 4,618,304           |  |
| Stationary goods, not elsewhere specified, . . . . .                              | 9  | 686,206             | 724,164                                       | 269,570  | 526.57                        | 249                   | 261     | 510           | 464                | 573                | 1,223,532           |  |
| Statuary and art goods, . . . . .   | 10   | 311,743             | 36,447  | 73,905   | 756.30                        | 94                    | 2       | 96            | 78                 | 123                | 203,987             |  |
| Steam fittings and steam and hot-water<br>heating apparatus, . . . . .            | 14   | 6,831,210           | 1,540,752                                     | 1,431,066  | 707.69                        | 1,903                 | 121     | 2,023         | 1,701              | 2,864              | 4,294,836           |  |
| Steam pecking, . . . . .  | 8  | 107,836             | 106,193                                       | 37,478   | 707.13                        | 53                    | —       | 53            | 45                 | 63                 | 222,831             |  |
| Stenotyping and electrotyping, . . . . .  | 9  | 160,516             | 114,298                                       | 126,574  | 887.23                        | 143                   | —       | 143           | 131                | 171                | 304,912             |  |

|   |     |             |            |            |        |        |       |        |        |        |             |
|---|-----|-------------|------------|------------|--------|--------|-------|--------|--------|--------|-------------|
| Structural ironwork, . . . . .                          | 23  | 1,918,571   | 1,035,419  | 682,578    | 743.73 | 919    | -     | 919    | 636    | 1,216  | 2,866,724   |
| Surgical appliances, . . . . .                          | 9   | 141,709     | 73,388     | 70,121     | 609.83 | 64     | 51    | 115    | 100    | 186    | 290,265     |
| Suspenders, garters, and elastic woven goods, . . . . . | 14  | 1,992,866   | 1,777,353  | 567,791    | 453.15 | 254    | 999   | 1,253  | 1,086  | 1,439  | 3,194,071   |
| Tobacco manufactures, . . . . .                         | 90  | 3,460,432   | 2,590,271  | 2,188,576  | 833.06 | 2,064  | 593   | 2,657  | 2,337  | 3,028  | 6,335,595   |
| Trunks and valises, . . . . .                           | 14  | 290,487     | 242,177    | 95,575     | 598.19 | 132    | 31    | 163    | 96     | 232    | 465,623     |
| Watch and clock materials, . . . . .                    | 6   | 143,534     | 40,242     | 86,512     | 514.95 | 66     | 102   | 168    | 155    | 188    | 184,457     |
| Window shades and fixtures, . . . . .                   | 10  | 124,541     | 284,285    | 29,444     | 546.23 | 35     | 17    | 52     | 43     | 71     | 242,162     |
| Wirework, including wire rope and cable, . . . . .      | 11  | 186,344     | 98,008     | 107,397    | 771.92 | 139    | -     | 139    | 123    | 153    | 314,047     |
| Wood, turned and carved, . . . . .                      | 10  | 170,880     | 30,635     | 35,570     | 602.83 | 57     | 2     | 59     | 43     | 90     | 100,730     |
| Wooden goods, not elsewhere specified, . . . . .        | 10  | 179,561     | 136,748    | 68,569     | 579.49 | 106    | 11    | 119    | 95     | 150    | 262,006     |
| Woolen and worsted goods, . . . . .                     | 4   | 3,012,318   | 2,170,129  | 531,017    | 506.73 | 563    | 457   | 1,050  | 586    | 1,240  | 2,984,172   |
| Other industries, . . . . .                             | 417 | 115,435,823 | 74,381,166 | 20,386,262 | 670.34 | 24,072 | 6,241 | 30,413 | 24,463 | 24,963 | 117,813,954 |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

| CITIES AND TOWNS.    | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |  |
|----------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|--|
|                      |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |  |
|                      |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |  |
|                      |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| METROPOLITAN BOSTON. |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Boston,              | 4,109                                      | \$454,925,941       | \$331,394,109                                 | \$106,541,566                                    | \$649.55                      | 119,943               | 46,976  | 166,919       | 135,291            | 196,109            | \$333,796,419       |  |
| LYNN,                | 2,437                                      | 201,757,153         | 150,874,711                                   | 48,172,063                                       | 647.35                        | 51,508                | 22,912  | 74,415        | 61,126             | 89,796             | 271,969,463         |  |
| CAMBRIDGE,           | 402  | 35,292,316          | 38,065,420                                    | 14,831,840                                       | 653.00                        | 16,006                | 6,784   | 22,790        | 18,009             | 27,616             | 69,465,451          |  |
| SOMERVILLE,          | 285  | 46,070,379          | 33,184,737                                    | 10,437,664                                       | 630.29                        | 13,004                | 4,823   | 16,827        | 14,024             | 20,089             | 58,423,407          |  |
| CHELSEA,             | 120  | 20,080,473          | 38,033,401                                    | 3,453,947  | 636.61                        | 6,148                 | 276     | 6,424         | 4,321              | 6,086              | 44,946,443          |  |
| QUINT,               | 108  | 9,408,708           | 9,552,724                                     | 3,670,923  | 612.95                        | 4,401                 | 1,568   | 5,969         | 5,241              | 6,887              | 17,380,756          |  |
| EVERETT,             | 157  | 19,868,145          | 7,871,804                                     | 5,232,977  | 808.43                        | 6,088                 | 385     | 6,473         | 5,496              | 7,143              | 16,092,183          |  |
| WALFHAM,             | 16   | 10,069,020          | 7,025,302                                     | 3,066,972  | 604.80                        | 3,125                 | 1,994   | 5,119         | 4,597              | 5,636              | 16,017,976          |  |
| MALDEN,              | 76   | 26,463,901          | 7,232,714                                     | 2,132,948  | 646.35                        | 2,828                 | 472     | 3,300         | 2,647              | 3,871              | 13,958,715          |  |
| WOBURN,              | 75   | 22,524,723          | 3,877,106                                     | 4,013,331  | 668.16                        | 4,300                 | 1,714   | 6,014         | 3,596              | 7,337              | 10,987,073          |  |
| Weymouth,            | 40   | 10,865,707          | 4,269,945                                     | 1,737,257  | 539.18                        | 1,744                 | 1,539   | 3,283         | 2,724              | 3,883              | 9,837,344           |  |
| NEWTON,              | 30   | 10,643,871          | 5,296,504                                     | 1,205,163  | 608.98                        | 1,891                 | 88      | 1,979         | 1,453              | 2,517              | 8,706,914           |  |
| Wakefield,           | 45   | 5,773,787           | 4,109,697                                     | 1,086,637  | 595.74                        | 1,325                 | 499     | 1,824         | 1,515              | 2,106              | 7,976,028           |  |
| Winchester,          | 19   | 6,132,497           | 2,677,916                                     | 1,098,963  | 579.01                        | 1,312                 | 586     | 1,898         | 1,472              | 2,192              | 5,980,931           |  |
| Braintree,           | 16   | 2,365,877           | 2,735,133                                     | 643,886  | 585.32                        | 998                   | 81      | 1,079         | 875                | 1,375              | 6,045,927           |  |
| Carlton,             | 18   | 3,399,047           | 2,735,133                                     | 1,104,634  | 590.77                        | 764                   | 754     | 1,902         | 1,653              | 2,096              | 4,848,474           |  |
|                      | 13   | 8,176,028           | 2,144,574                                     | 590,597  | 855.97                        | 163                   | 163     | 899           | 761                | 1,049              | 3,712,268           |  |

|                           |   |   |   |   |   |   |   |   |   |    |           |           |         |        |     |     |       |     |       |           |
|---------------------------|---|---|---|---|---|---|---|---|---|----|-----------|-----------|---------|--------|-----|-----|-------|-----|-------|-----------|
| Stoneham,                 | . | . | . | . | . | . | . | . | . | 21 | 1,392,323 | 2,063,912 | 476,991 | 520.16 | 527 | 300 | 397   | 509 | 1,241 | 3,173,532 |
| Milacox,                  | . | . | . | . | . | . | . | . | . | 21 | 4,423,427 | 1,637,021 | 594,996 | 503.29 | 577 | 609 | 1,186 | 949 | 1,332 | 3,023,393 |
| Madroad,                  | . | . | . | . | . | . | . | . | . | 38 | 2,397,719 | 1,187,039 | 424,670 | 642.47 | 573 | 89  | 661   | 496 | 810   | 2,134,245 |
| Needham,                  | . | . | . | . | . | . | . | . | . | 19 | 1,666,548 | 864,892   | 377,482 | 547.05 | 249 | 441 | 690   | 499 | 809   | 1,728,337 |
| Wellesley,                | . | . | . | . | . | . | . | . | . | 6  | 712,601   | 437,632   | 112,546 | 494.94 | 123 | 106 | 238   | 141 | 314   | 643,643   |
| Arlington,                | . | . | . | . | . | . | . | . | . | 16 | 1,195,875 | 246,347   | 179,414 | 796.73 | 239 | 5   | 324   | 175 | 292   | 585,777   |
| Ravens,                   | . | . | . | . | . | . | . | . | . | 13 | 863,541   | 384,007   | 51,761  | 761.19 | 64  | 4   | 68    | 50  | 131   | 496,857   |
| Lexington,                | . | . | . | . | . | . | . | . | . | 6  | 459,603   | 181,581   | 58,723  | 716.13 | 63  | 19  | 82    | 69  | 98    | 363,572   |
| Brookline,                | . | . | . | . | . | . | . | . | . | 16 | 223,685   | 106,404   | 97,999  | 766.62 | 111 | 17  | 128   | 109 | 149   | 263,956   |
| Dedham,                   | . | . | . | . | . | . | . | . | . | 13 | 613,925   | 123,039   | 93,171  | 517.62 | 133 | 47  | 180   | 148 | 276   | 370,860   |
| Belmont,                  | . | . | . | . | . | . | . | . | . | 6  | 126,669   | 171,109   | 63,513  | 577.89 | 87  | 23  | 110   | 68  | 135   | 267,234   |
| Hingham,                  | . | . | . | . | . | . | . | . | . | 8  | 237,750   | 84,017    | 70,031  | 544.93 | 67  | 57  | 124   | 110 | 133   | 148,076   |
| Milton, .                 | . | . | . | . | . | . | . | . | . | 4  | 83,727    | 67,046    | 24,359  | 487.43 | 33  | 19  | 51    | 27  | 65    | 147,776   |
| Winthrop,                 | . | . | . | . | . | . | . | . | . | 5  | 122,223   | 40,465    | 14,674  | 723.70 | 17  | 3   | 20    | 16  | 30    | 76,510    |
| Swampscott,               | . | . | . | . | . | . | . | . | . | 5  | 21,820    | 27,928    | 6,575   | 572.92 | 6   | 6   | 12    | 11  | 17    | 50,250    |
| Saugus,                   | . | . | . | . | . | . | . | . | . | 4  | 64,269    | 21,022    | 9,214   | 716.46 | 12  | 1   | 13    | 11  | 22    | 29,952    |
| Other towns, <sup>1</sup> | . | . | . | . | . | . | . | . | . | 8  | 209,639   | 75,474    | 32,431  | 947.48 | 86  | 1   | 87    | 66  | 110   | 275,032   |

<sup>1</sup> Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

E. FOR 119 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

| TOWNS AND INDUSTRIES.                              | Num-ber of Estab-lish-ments | Capital Invested | Value of Stock and Materials Used | Amount of Wages Paid during the Year | Average Yearly Earnings | WAGE-EARNERS EMPLOYED |         |            |                 |       | Value of Product |
|--|-----------------------------|------------------|-----------------------------------|--------------------------------------|-------------------------|-----------------------|---------|------------|-----------------|-------|------------------|
|  |                             |                  |                                   |                                      |                         | Average Number        |         |            | Greatest Number |       |                  |
|  |                             |                  |                                   |                                      |                         | Males                 | Females | Both Sexes |                 |       |                  |
| Abington, . . . . .                                | 18                          | \$2,578,654      | \$2,359,364                       | \$837,259                            | \$612.38                | 991                   | 374     | 1,365      | 983             | 1,016 | \$3,755,315      |
| Acton, . . . . .                                   | 12                          | 1,633,068        | 631,109                           | 189,533                              | 635.52                  | 333                   | 15      | 303        | 196             | 436   | 1,200,408        |
| Adams, . . . . .                                   | 27                          | 8,512,979        | 3,114,239                         | 1,904,145                            | 456.32                  | 2,394                 | 1,339   | 3,933      | 3,771           | 4,110 | 6,308,477        |
| Bread and other bakery products, . . . . .         | 5                           | 31,870           | 37,398                            | 6,406                                | 711.78                  | 9                     | —       | 9          | 9               | 9     | 54,438           |
| Cotton goods, . . . . .                            | 4                           | 6,060,553        | 2,329,301                         | 1,615,522                            | 488.37                  | 1,974                 | 1,334   | 3,308      | 3,255           | 3,415 | 4,891,581        |
| Tobacco manufactures, . . . . .                    | 6                           | 8,308            | 6,976                             | 2,170                                | 723.33                  | 3                     | —       | 3          | 3               | 3     | 15,121           |
| Other industries, . . . . .                        | 13                          | 1,576,949        | 746,154                           | 280,045                              | 464.43                  | 406                   | 105     | 603        | 504             | 683   | 1,341,337        |
| Amsbury, . . . . .                                 | 50                          | 2,977,059        | 2,053,346                         | 1,053,385                            | 636.08                  | 1,875                 | 161     | 1,539      | 897             | 2,333 | 2,862,313        |
| Automobiles, including bodies and parts, . . . . . | 14                          | 1,394,961        | 1,046,233                         | 599,799                              | 735.95                  | 802                   | 13      | 815        | 427             | 1,399 | 2,000,633        |
| Bread and other bakery products, . . . . .         | 3                           | 8,050            | 22,235                            | 6,240                                | 891.43                  | 7                     | —       | 7          | 7               | 7     | 33,430           |
| Carriages and wagons, and materials, . . . . .     | 4                           | 84,800           | 40,006                            | 10,096                               | 729.48                  | 27                    | —       | 27         | 20              | 32    | 70,572           |
| Other industries, . . . . .                        | 29                          | 1,648,643        | 926,063                           | 423,090                              | 633.13                  | 539                   | 143     | 687        | 543             | 885   | 1,708,039        |
| Amherst, . . . . .                                 | 19                          | 1,184,245        | 717,396                           | 196,031                              | 586.92                  | 195                   | 140     | 335        | 185             | 517   | 1,146,074        |
| Andover, . . . . .                                 | 11                          | 2,778,214        | 1,323,195                         | 648,175                              | 512.20                  | 756                   | 507     | 1,263      | 1,147           | 1,468 | 3,390,752        |
| Arlington, . . . . .                               | 16                          | 1,195,575        | 246,347                           | 179,414                              | 706.72                  | 229                   | 5       | 224        | 175             | 293   | 686,727          |
| Ashburnham, . . . . .                              | 11                          | 1,045,254        | 332,544                           | 136,423                              | 570.83                  | 316                   | 9       | 325        | 265             | 409   | 731,392          |
| Attol, . . . . .                                   | 21                          | 10,264,213       | 2,161,455                         | 1,332,600                            | 644.76                  | 1,913                 | 459     | 2,377      | 1,899           | 2,803 | 5,901,240        |
| Ayer, . . . . .                                    | 11                          | 233,589          | 96,140                            | 65,337                               | 570.67                  | 95                    | 20      | 115        | 90              | 145   | 204,553          |

|              |    |           |           |           |        |       |       |       |       |       |            |
|--------------|----|-----------|-----------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Barnstable.  | 9  | 56,826    | 27,557    | 19,035    | 613.26 | 27    | 5     | 33    | 31    | 57    | 66,450     |
| Barrs.       | 7  | 2,946,911 | 923,008   | 400,378   | 511.34 | 604   | 179   | 763   | 593   | 908   | 1,760,243  |
| Becket.      | 6  | 130,237   | 61,139    | 61,561    | 800.80 | 87    | 16    | 103   | 83    | 136   | 155,398    |
| Belmont.     | 6  | 129,609   | 173,109   | 63,513    | 577.39 | 87    | 23    | 110   | 68    | 135   | 267,284    |
| Billerica.   | 8  | 5,232,938 | 2,415,131 | 1,072,918 | 584.70 | 1,678 | 167   | 1,335 | 1,830 | 2,098 | 3,887,943  |
| Braintree.   | 18 | 3,300,047 | 2,785,133 | 1,104,664 | 580.77 | 1,148 | 764   | 1,902 | 1,633 | 2,006 | 4,848,474  |
| Bridgewater. | 17 | 3,334,324 | 6,408,231 | 1,699,113 | 640.54 | 2,309 | 438   | 2,037 | 2,051 | 3,533 | 9,550,104  |
| Brookfield.  | 4  | 833,987   | 563,181   | 111,131   | 464.94 | 170   | 69    | 239   | 160   | 308   | 854,208    |
| Brookline.   | 16 | 333,535   | 104,494   | 97,969    | 765.83 | 111   | 17    | 126   | 109   | 149   | 293,956    |
| Canton.      | 13 | 3,176,028 | 2,144,874 | 530,927   | 585.97 | 736   | 153   | 839   | 761   | 1,049 | 3,712,233  |
| Carver.      | 7  | 55,210    | 37,739    | 13,120    | 577.63 | 21    | -     | 21    | 31    | 33    | 61,081     |
| Chester.     | 6  | 263,656   | 199,802   | 58,323    | 688.15 | 85    | -     | 85    | 71    | 104   | 363,704    |
| Clinton.     | 27 | 9,152,878 | 3,715,878 | 1,923,471 | 406.10 | 2,333 | 1,647 | 3,385 | 3,153 | 4,403 | 6,464,143  |
| Concord.     | 7  | 449,838   | 642,541   | 151,313   | 736.36 | 187   | 23    | 209   | 99    | 366   | 983,646    |
| Dalton.      | 8  | 1,565,461 | 889,436   | 390,274   | 574.78 | 324   | 326   | 679   | 566   | 763   | 1,879,426  |
| Danvers.     | 24 | 2,021,326 | 1,872,353 | 733,871   | 544.01 | 875   | 474   | 1,349 | 1,043 | 1,966 | 3,401,768  |
| Dartmouth.   | 5  | 72,500    | 22,880    | 20,224    | 498.51 | 41    | -     | 41    | 41    | 64    | 84,530     |
| Dedham.      | 13 | 613,926   | 123,039   | 93,171    | 517.63 | 133   | 47    | 180   | 148   | 278   | 270,869    |
| Deerfield.   | 7  | 197,737   | 128,749   | 53,011    | 547.48 | 54    | 41    | 95    | 65    | 143   | 263,528    |
| Dighton.     | 9  | 589,922   | 929,111   | 400,816   | 638.24 | 566   | 83    | 638   | 511   | 763   | 1,863,738  |
| Douglas.     | 6  | 811,464   | 524,476   | 232,133   | 471.85 | 300   | 173   | 473   | 435   | 533   | 1,047,818  |
| Dudley.      | 10 | 2,411,009 | 1,761,806 | 699,790   | 475.06 | 989   | 464   | 1,473 | 763   | 1,751 | 3,025,936  |
| Easthampton. | 21 | 7,091,513 | 9,213,575 | 1,796,729 | 532.00 | 3,095 | 1,347 | 3,443 | 3,075 | 3,983 | 12,906,143 |
| Easton.      | 8  | 2,967,706 | 563,306   | 318,836   | 578.65 | 477   | 74    | 551   | 484   | 620   | 1,193,994  |
| Erving.      | 5  | 1,644,699 | 569,100   | 243,011   | 619.15 | 446   | 108   | 554   | 537   | 596   | 1,233,721  |
| Essex.       | 4  | 52,173    | 82,384    | 23,724    | 650.26 | 36    | -     | 36    | 36    | 54    | 121,268    |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 E. FOR 119 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.              | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |
|------------------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|
|                                    |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |
|                                    |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |
|                                    |  |                     |   |  |                               |                       |         |               |                    |                    |                     |
| Foxborough,                        | 13   | \$746,676           | \$271,089                                     | \$177,570  | \$660.16                      | 186                   | 131     | 317           | 186                | 504                | \$612,269           |
| Framingham,                        | 42   | 9,885,527           | 5,472,959                                     | 2,545,489  | 598.85                        | 2,791                 | 1,493   | 4,284         | 3,332              | 5,419              | 10,542,081          |
| Franklin,                          | 24   | 2,468,565           | 1,897,251                                     | 627,291  | 874.44                        | 908                   | 299     | 1,092         | 776                | 1,338              | 3,136,714           |
| Gardner,                           | 54   | 13,671,131          | 2,574,639                                     | 1,960,645  | 537.75                        | 3,307                 | 459     | 3,646         | 3,164              | 4,321              | 6,971,864           |
| Bread and other bakery products,   | 6  | 16,305              | 49,378  | 12,887   | 780.89                        | 19                    | -       | 19            | 19                 | 21                 | 80,577              |
| Foundry and machine-shop products, | 8  | 251,096             | 105,525                                       | 141,146  | 638.87                        | 221                   | -       | 221           | 180                | 276                | 357,577             |
| Furniture,                         | 18   | 12,286,146          | 1,833,896                                     | 1,406,795  | 515.13                        | 2,373                 | 356     | 2,729         | 2,434              | 3,092              | 4,446,377           |
| Other industries,                  | 22   | 1,117,584           | 565,840                                       | 399,817  | 590.57                        | 594                   | 83      | 677           | 561                | 832                | 1,387,368           |
| Georgetown,                        | 7  | 163,023             | 177,090                                       | 49,368   | 470.17                        | 70                    | 35      | 105           | 79                 | 129                | 240,714             |
| Grafton,                           | 11   | 2,154,998           | 1,642,595                                     | 739,227  | 507.36                        | 840                   | 617     | 1,457         | 1,239              | 1,532              | 3,060,287           |
| Great Barrington,                  | 17   | 3,521,741           | 1,594,181                                     | 456,004  | 481.02                        | 616                   | 332     | 948           | 913                | 965                | 2,633,507           |
| Greenfield,                        | 45   | 4,669,079           | 1,312,285                                     | 1,047,126  | 676.88                        | 1,442                 | 132     | 1,574         | 1,266              | 2,098              | 3,898,714           |
| Hanover,                           | 7  | 846,208             | 700,266                                       | 246,743  | 648.54                        | 265                   | 69      | 424           | 284                | 505                | 1,438,283           |
| Hanson,                            | 4  | 316,940             | 214,789                                       | 85,838   | 613.13                        | 125                   | 5       | 140           | 114                | 179                | 402,564             |
| Hingham,                           | 8  | 237,760             | 36,017  | 70,061   | 664.93                        | 67                    | 57      | 124           | 110                | 163                | 148,076             |
| Hudson,                            | 27   | 4,255,905           | 3,810,068                                     | 1,288,850  | 599.47                        | 1,297                 | 833     | 2,150         | 1,221              | 2,060              | 6,430,221           |
| Kingston,                          | 8  | 266,512             | 140,069                                       | 74,961   | 599.46                        | 112                   | 13      | 125           | 117                | 134                | 286,579             |

|  |    |            |            |            |        |       |       |       |       |       |            |
|--|----|------------|------------|------------|--------|-------|-------|-------|-------|-------|------------|
| Lee, . . . . .   | 18 | 1,863,907  | 904,992    | 508,334    | 551.94 | 691   | 230   | 921   | 780   | 1,015 | 1,835,251  |
| Leicester, . . . . .                                     | 10 | 2,217,991  | 1,433,039  | 480,874    | 543.47 | 550   | 335   | 885   | 743   | 1,025 | 2,434,838  |
| Leominster, . . . . .                                    | 99 | 6,009,191  | 6,009,215  | \$,491,183 | 638.33 | 3,773 | 1,338 | 4,803 | 3,701 | 6,716 | 10,805,698 |
| Bread and other bakery products, . . . . .               | 3  | 13,587     | 45,018     | 15,338     | 766.40 | 20    | -     | 20    | 20    | 30    | 72,476     |
| Combs and hairpins, . . . . .                            | 22 | 1,499,888  | 1,550,749  | 873,473    | 538.30 | 1,160 | 460   | 1,629 | 1,204 | 2,046 | 3,000,079  |
| Foundry and machine-shop products, . . . . .             | 4  | 54,931     | 9,631      | 16,434     | 864.95 | 19    | -     | 19    | 18    | 23    | 40,105     |
| Other industries, . . . . .                              | 40 | 5,340,065  | 3,483,917  | 1,635,963  | 536.33 | 1,964 | 1,176 | 3,140 | 2,459 | 3,617 | 7,063,063  |
| Lexington, . . . . .                                     | 6  | 459,003    | 181,581    | 58,733     | 716.13 | 63    | 19    | 82    | 60    | 98    | 363,572    |
| Manchester, . . . . .                                    | 6  | 70,448     | 20,100     | 20,611     | 855.79 | 23    | 1     | 24    | 18    | 37    | 61,119     |
| Manassas, . . . . .                                      | 22 | 1,935,117  | 1,386,530  | 390,874    | 542.13 | 593   | 129   | 731   | 607   | 1,062 | 2,359,703  |
| Marblehead, . . . . .                                    | 24 | 539,110    | 694,008    | 359,360    | 568.31 | 394   | 236   | 680   | 499   | 803   | 1,348,448  |
| Boots and shoes, . . . . .                               | 10 | 306,233    | 393,383    | 245,035    | 532.43 | 205   | 210   | 475   | 417   | 569   | 730,594    |
| Shipbuilding, wooden, including boat building, . . . . . | 4  | 74,379     | 16,993     | 20,116     | 745.04 | 27    | -     | 27    | 14    | 47    | 51,053     |
| Other industries, . . . . .                              | 10 | 143,498    | 283,726    | 83,009     | 708.55 | 103   | 16    | 118   | 68    | 187   | 570,902    |
| Medway, . . . . .  | 9  | 389,342    | 515,925    | 245,261    | 570.71 | 235   | 200   | 435   | 264   | 638   | 868,575    |
| Merrimac, . . . . .                                      | 6  | 409,044    | 336,547    | 149,068    | 804.87 | 176   | 10    | 196   | 74    | 308   | 737,500    |
| Methuen, . . . . .                                       | 22 | 4,760,100  | 2,539,305  | 934,901    | 454.39 | 781   | 1,061 | 1,543 | 1,030 | 2,140 | 4,334,968  |
| Middleborough, . . . . .                                 | 26 | 3,647,611  | 3,127,467  | 925,963    | 579.51 | 1,117 | 480   | 1,597 | 1,440 | 1,759 | 4,997,397  |
| Milford, . . . . .                                       | 48 | \$,339,699 | \$,497,180 | 961,486    | 624.45 | 1,160 | 435   | 1,645 | 1,064 | 2,307 | 4,179,859  |
| Boots and shoes, . . . . .                               | 3  | 806,967    | 1,375,585  | 400,137    | 563.57 | 489   | 221   | 710   | 496   | 783   | 2,080,018  |
| Bread and other bakery products, . . . . .               | 7  | 15,760     | 62,639     | 10,088     | 720.57 | 14    | -     | 14    | 12    | 15    | 99,361     |
| Tobacco manufactures, . . . . .                          | 6  | 47,583     | 34,553     | 21,263     | 664.47 | 33    | 9     | 33    | 28    | 35    | 77,117     |
| Other industries, . . . . .                              | 23 | 1,454,476  | 1,024,414  | 539,937    | 506.10 | 634   | 255   | 889   | 468   | 1,274 | 1,983,133  |
| Milbury, . . . . .                                       | 24 | 2,131,576  | 1,568,374  | 493,009    | 535.49 | 679   | 255   | 904   | 755   | 1,053 | 2,645,521  |
| Milton, . . . . .  | 4  | 32,727     | 67,046     | 24,859     | 437.43 | 32    | 19    | 51    | 27    | 65    | 147,775    |
| Mouseton, . . . . .                                      | 8  | 1,215,547  | 893,788    | 350,706    | 603.83 | 371   | 210   | 581   | 370   | 830   | 1,594,519  |
| Montague, . . . . .                                      | 16 | 3,997,020  | 1,294,351  | 731,881    | 550.83 | 902   | 409   | 1,311 | 1,183 | 1,450 | 2,612,911  |

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.  
 E. FOR 119 TOWNS: BY INDUSTRIES — Continued.

| TOWNS AND INDUSTRIES.               | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |                    |                    | Value of<br>Product |
|-------------------------------------|--|---------------------|---|--|-------------------------------|-----------------------|---------|--------------------|--------------------|---------------------|
|                                     |  |                     |   |  |                               | Average Number        |         | Smallest<br>Number | Greatest<br>Number |                     |
|                                     |  |                     |   |  |                               | Average Number        |         |                    |                    |                     |
|                                     |  |                     |   |  |                               | Males                 | Females |                    |                    |                     |
| Natick, . . . . .                   | 23   | \$2,325,641         | \$3,011,981                                   | \$671,785  | \$250.19                      | 924                   | 397     | 1,321              | 1,374              | \$4,187,791         |
| Boots and shoes, . . . . .          | 8  | 1,784,035           | 1,954,106                                     | 391,715  | 542.54                        | 606                   | 116     | 722                | 910                | 2,595,341           |
| Other industries, . . . . .         | 25   | 1,051,005           | 1,057,875                                     | 280,070  | 561.26                        | 313                   | 181     | 499                | 424                | 1,542,450           |
| Needham, . . . . .                  | 19   | 1,666,443           | 866,892                                       | 877,462  | 547.06                        | 249                   | 441     | 690                | 809                | 1,798,387           |
| Hand knit goods, . . . . .          | 3  | 15,060              | 3,555   | 6,140  | 633.22                        | 6                     | 4       | 9                  | 8                  | 14,848              |
| Hosiery and knit goods, . . . . .   | 8  | 1,439,499           | 730,139                                       | 318,656  | 546.58                        | 171                   | 412     | 363                | 674                | 1,425,543           |
| Other industries, . . . . .         | 8  | 221,999             | 142,193                                       | 52,666   | 537.41                        | 73                    | 25      | 98                 | 125                | 287,946             |
| North Andover, . . . . .            | 9  | 1,756,235           | 1,908,278                                     | 757,880  | 592.05                        | 1,013                 | 262     | 1,280              | 1,032              | 3,302,763           |
| North Attleborough, . . . . .       | 65   | 6,752,033           | 1,771,773                                     | 1,876,319  | 666.37                        | 1,376                 | 667     | 1,913              | 1,917              | 4,836,923           |
| Jewelry, . . . . .                  | 35   | 3,789,194           | 1,083,403                                     | 897,149  | 659.97                        | 911                   | 312     | 1,232              | 938                | 2,543,655           |
| Other industries, . . . . .         | 30   | 1,943,383           | 653,316                                       | 468,170  | 650.24                        | 465                   | 255     | 720                | 579                | 1,068,273           |
| North Brookfield, . . . . .         | 8  | 1,162,935           | 777,759                                       | 212,594  | 505.98                        | 265                   | 157     | 422                | 370                | 1,114,432           |
| North Reading, . . . . .            | 6  | 146,945             | 104,719                                       | 44,397   | 631.49                        | 59                    | 6       | 65                 | 48                 | 206,314             |
| Northborough, . . . . .             | 4  | 55,571              | 48,299  | 34,655   | 568.11                        | 58                    | 3       | 61                 | 48                 | 105,185             |
| Northbridge, . . . . .              | 15   | 5,328,558           | 2,514,865                                     | 2,125,995  | 604.94                        | 2,999                 | 592     | 3,531              | 2,255              | 5,281,000           |
| Norton, . . . . .                   | 6  | 1,052,041           | 208,937                                       | 283,045  | 542.22                        | 349                   | 173     | 522                | 661                | 648,672             |
| Norwood, . . . . .                  | 22   | 8,548,970           | 6,122,569                                     | 1,545,456  | 638.11                        | 1,572                 | 374     | 2,246              | 2,475              | 10,547,643          |
| Orange, . . . . .                   | 17   | 2,315,029           | 877,094                                       | 550,072  | 548.34                        | 770                   | 197     | 967                | 890                | 2,235,152           |
| Oxford, . . . . .                   | 8  | 1,803,377           | 816,069                                       | 381,148  | 607.11                        | 439                   | 291     | 663                | 611                | 1,474,491           |
| Woolen and worsted goods, . . . . . | 4  | 605,577             | 496,208                                       | 216,269  | 471.17                        | 271                   | 168     | 459                | 431                | 963,719             |
| Other industries, . . . . .         | 4  | 637,500             | 319,883                                       | 114,873  | 592.13                        | 151                   | 43      | 194                | 190                | 511,772             |

|   |    |            |            |           |        |       |       |       |       |       |            |
|---|----|------------|------------|-----------|--------|-------|-------|-------|-------|-------|------------|
| Palmer,                                 | 18 | 3,464,333  | 2,456,375  | 1,157,313 | 467.33 | 1,045 | 531   | 2,477 | 1,907 | 2,777 | 4,333,130  |
| Peabody,                                | 79 | 22,312,245 | 19,704,183 | 8,985,103 | 568.40 | 5,554 | 519   | 5,673 | 4,507 | 7,005 | 20,684,669 |
| Boat and shoe cut stock and findings,   | 7  | 121,034    | 134,433    | 60,436    | 503.63 | 53    | 68    | 130   | 103   | 149   | 226,811    |
| Leather, tanned, curried, and finished, | 35 | 17,364,708 | 9,140,950  | 2,410,000 | 573.14 | 4,131 | 24    | 4,205 | 3,331 | 5,239 | 15,077,203 |
| Other industries,                       | 37 | 4,727,103  | 3,423,745  | 754,907   | 559.30 | 1,121 | 227   | 1,343 | 1,068 | 1,517 | 5,330,643  |
| Pepperell,                              | 7  | 1,072,008  | 789,749    | 125,767   | 574.28 | 173   | 45    | 319   | 189   | 277   | 1,092,966  |
| Plainville,                             | 6  | 986,402    | 192,782    | 216,153   | 636.30 | 223   | 92    | 315   | 234   | 438   | 575,634    |
| Plymouth,                               | 25 | 11,480,220 | 9,010,492  | 1,363,767 | 540.32 | 2,000 | 494   | 2,534 | 1,954 | 3,222 | 12,004,973 |
| Randolph,                               | 9  | 732,701    | 764,599    | 277,533   | 730.49 | 265   | 115   | 230   | 263   | 430   | 1,267,533  |
| Raynham,                                | 10 | 175,510    | 112,899    | 24,736    | 475.69 | 37    | 15    | 53    | 43    | 77    | 173,553    |
| Reading,                                | 16 | 1,365,371  | 2,080,231  | 236,639   | 615.26 | 231   | 103   | 334   | 323   | 497   | 2,622,309  |
| Rochester,                              | 6  | 70,408     | 33,132     | 12,836    | 515.44 | 25    | -     | 25    | 25    | 35    | 64,010     |
| Rockland,                               | 20 | 2,940,373  | 4,235,432  | 1,159,842 | 639.74 | 1,227 | 575   | 1,313 | 1,292 | 2,512 | 6,461,114  |
| Rockport,                               | 14 | 614,367    | 313,990    | 249,249   | 679.43 | 241   | 6     | 267   | 233   | 409   | 743,044    |
| Rowley,                                 | 8  | 275,557    | 231,335    | 76,330    | 441.49 | 130   | 44    | 174   | 140   | 205   | 436,043    |
| Saugus,                                 | 4  | 64,339     | 21,022     | 9,314     | 716.46 | 12    | 1     | 12    | 11    | 23    | 39,932     |
| Shelburne,                              | 7  | 60,994     | 40,149     | 22,475    | 661.03 | 22    | 2     | 24    | 24    | 39    | 96,910     |
| Shirley,                                | 5  | 1,346,970  | 649,963    | 239,323   | 453.98 | 300   | 205   | 505   | 462   | 532   | 1,260,332  |
| South Hadley,                           | 11 | 1,750,731  | 950,711    | 301,150   | 601.10 | 248   | 133   | 501   | 350   | 579   | 1,626,974  |
| Southbridge,                            | 20 | 8,166,026  | 4,222,739  | 2,439,551 | 522.23 | 3,103 | 1,473 | 4,671 | 4,374 | 4,946 | 8,914,439  |
| Spencer,                                | 15 | 1,494,935  | 1,507,372  | 535,632   | 574.73 | 775   | 242   | 1,019 | 830   | 1,137 | 2,650,061  |
| Stoneham,                               | 21 | 1,392,232  | 2,032,912  | 476,991   | 550.16 | 567   | 300   | 367   | 509   | 1,241 | 3,173,352  |
| Stoughton,                              | 19 | 2,463,986  | 1,862,044  | 631,467   | 537.39 | 306   | 324   | 1,200 | 926   | 1,492 | 3,514,266  |
| Swampscott,                             | 5  | 21,320     | 27,956     | 6,375     | 572.92 | 6     | 6     | 12    | 11    | 17    | 50,250     |



TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Concluded.

## E. FOR 119 TOWNS: BY INDUSTRIES — Concluded.

| TOWNS AND INDUSTRIES.                      | Num-<br>ber of<br>Estab-<br>lish-<br>ments | Capital<br>Invested | Value of<br>Stock<br>and<br>Materials<br>Used | Amount<br>of Wages<br>Paid<br>during<br>the Year | Average<br>Yearly<br>Earnings | WAGE-EARNERS EMPLOYED |         |               |                    |                    | Value of<br>Product |  |
|--|--|---------------------|---|--|-------------------------------|-----------------------|---------|---------------|--------------------|--------------------|---------------------|--|
|  |  |                     |   |  |                               | Average Number        |         |               | Smallest<br>Number | Greatest<br>Number |                     |  |
|  |  |                     |   |  |                               | Males                 | Females | Both<br>Sexes |                    |                    |                     |  |
|  |  |                     |   |  |                               |                       |         |               |                    |                    |                     |  |
| Templeton, . . . . .                       | 16   | \$1,688,671         | \$294,681                                     | \$411,179  | \$576.69                      | 666                   | 48      | 713           | 554                | 865                | \$1,325,569         |  |
| Furniture, . . . . .                       | 7  | 786,859             | 299,754                                       | 204,253  | 565.80                        | 343                   | 18      | 361           | 296                | 467                | 655,738             |  |
| Other industries, . . . . .                | 9  | 876,812             | 694,927                                       | 206,926  | 587.86                        | 322                   | 30      | 352           | 258                | 418                | 1,170,124           |  |
| Townsend, . . . . .                        | 7  | 657,722             | 309,274                                       | 138,300  | 631.78                        | 217                   | 2       | 219           | 161                | 277                | 559,908             |  |
| Uxbridge, . . . . .                        | 11   | 2,634,385           | 1,758,601                                     | 499,565  | 445.58                        | 663                   | 391     | 1,073         | 875                | 1,169              | 2,707,015           |  |
| Wakefield, . . . . .                       | 19   | 5,132,497           | 2,677,916                                     | 1,098,962  | 579.01                        | 1,312                 | 586     | 1,896         | 1,472              | 2,192              | 5,060,621           |  |
| Walpole, . . . . .                         | 13   | 5,325,404           | 4,265,705                                     | 838,998  | 660.52                        | 1,167                 | 126     | 1,293         | 1,051              | 1,673              | 6,384,436           |  |
| Ware, . . . . .                            | 20   | 2,281,518           | 1,922,657                                     | 982,658  | 406.90                        | 1,273                 | 1,142   | 2,415         | 1,876              | 2,673              | 3,568,455           |  |
| Wareham, . . . . .                         | 13   | 1,248,183           | 545,388                                       | 386,192  | 610.10                        | 604                   | 29      | 633           | 535                | 723                | 1,188,683           |  |
| Warren, . . . . .                          | 6  | 1,741,665           | 1,063,641                                     | 515,110  | 428.19                        | 753                   | 450     | 1,203         | 1,147              | 1,259              | 1,909,872           |  |
| Watertown, . . . . .                       | 15   | 10,660,020          | 7,025,302                                     | 3,095,972  | 604.80                        | 3,126                 | 1,994   | 5,119         | 4,597              | 5,686              | 16,017,975          |  |
| Wellesley, . . . . .                       | 6  | 712,601             | 432,632                                       | 112,846  | 494.94                        | 122                   | 106     | 228           | 141                | 314                | 643,643             |  |
| West Springfield, . . . . .                | 17   | 6,779,970           | 2,697,724                                     | 1,611,616  | 738.86                        | 1,709                 | 847     | 2,566         | 1,738              | 2,304              | 5,977,491           |  |
| West Stockbridge, . . . . .                | 9  | 228,445             | 94,452  | 66,478   | 540.47                        | 122                   | -       | 128           | 68                 | 167                | 205,586             |  |
| Westborough, . . . . .                     | 14   | 761,637             | 581,122                                       | 247,264  | 542.25                        | 168                   | 298     | 456           | 281                | 642                | 982,106             |  |
| Westfield, . . . . .                       | 75   | 6,716,960           | 2,776,194                                     | 1,567,392  | 593.86                        | \$,164                | \$,466  | \$,639        | \$,484             | \$,916             | \$,517,905          |  |
| Bread and other bakery products, . . . . . | 9  | 29,440              | 62,610  | 16,550   | 669.58                        | 24                    | -       | 24            | 23                 | 26                 | 103,830             |  |
| Tobacco manufactures, . . . . .            | 12   | 194,696             | 147,695                                       | 84,715   | 588.80                        | 79                    | 66      | 144           | 180                | 156                | 296,742             |  |
| Whips, . . . . .                           | 17   | 2,202,012           | 872,959                                       | 395,671  | 490.91                        | 571                   | 235     | 806           | 732                | 911                | 2,183,322           |  |
| Other industries, . . . . .                | 37   | 4,289,572           | 1,692,930                                     | 1,070,466  | 642.92                        | 1,610                 | 155     | 1,965         | 1,549              | 1,823              | 3,982,011           |  |

|                             |              |                      |                      |                     |                 |                |               |                |                |                |                      |
|-----------------------------|--------------|----------------------|----------------------|---------------------|-----------------|----------------|---------------|----------------|----------------|----------------|----------------------|
| Westford, . . . . .         | 16           | 2,080,945            | 2,538,788            | 463,033             | 515.05          | 578            | 836           | 899            | 772            | 1,046          | 3,501,028            |
| Weymouth, . . . . .         | 80           | 6,778,787            | 4,109,697            | 1,069,657           | 696.74          | 1,386          | 489           | 1,324          | 1,616          | 2,106          | 7,876,068            |
| Boots and shoes, . . . . .  | 6            | 2,672,074            | 2,067,068            | 750,528             | 605.75          | 875            | 364           | 1,239          | 1,106          | 1,356          | 3,669,038            |
| Other industries, . . . . . | 24           | 3,201,713            | 2,063,009            | 336,109             | 574.55          | 450            | 135           | 535            | 409            | 760            | 4,316,990            |
| Whitman, . . . . .          | 19           | 3,213,517            | 2,979,222            | 1,134,565           | 620.32          | 1,355          | 474           | 1,529          | 1,247          | 2,113          | 4,728,809            |
| Williamsburg, . . . . .     | 10           | 439,436              | 348,263              | 149,680             | 473.67          | 267            | 49            | 316            | 283            | 370            | 670,354              |
| Winchendon, . . . . .       | 19           | 2,879,942            | 1,230,628            | 673,614             | 544.11          | 968            | 250           | 1,238          | 883            | 1,590          | 2,391,174            |
| Winchester, . . . . .       | 16           | 2,335,877            | 2,833,770            | 642,895             | 595.83          | 998            | 81            | 1,079          | 875            | 1,375          | 5,045,927            |
| Wintthrop, . . . . .        | 5            | 123,223              | 40,465               | 14,674              | 733.70          | 17             | 3             | 20             | 16             | 30             | 76,510               |
| All other towns, . . . . .  | 477          | 72,979,766           | 43,166,807           | 14,030,832          | 526.12          | 19,137         | 7,843         | 26,680         | 22,726         | 31,414         | 72,478,030           |
| <b>TOTAL FOR THE TOWNS,</b> | <b>9,441</b> | <b>\$390,171,009</b> | <b>\$241,388,786</b> | <b>\$88,564,368</b> | <b>\$680.70</b> | <b>114,177</b> | <b>49,776</b> | <b>157,363</b> | <b>189,485</b> | <b>187,686</b> | <b>\$486,776,455</b> |

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1915.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                                 | Number of Establishments | Average Number of Wage-earners | Wages Paid           | Value of Product       | Value Added by Manufacture |
|--|--------------------------|--------------------------------|----------------------|------------------------|----------------------------|
| <b>All Industries,</b> . . . . .                                       | <b>9,797</b>             | <b>596,348</b>                 | <b>\$346,243,472</b> | <b>\$1,632,445,946</b> | <b>\$732,782,909</b>       |
| Individual, . . . . .  | 4,339                    | 39,978                         | 24,331,473           | 113,684,169            | 54,401,432                 |
| Corporation, . . . . .   | 3,002                    | 500,154                        | 288,868,728          | 1,404,630,238          | 609,267,829                |
| Other, . . . . .   | 1,766                    | 56,216                         | 33,043,271           | 174,130,559            | 69,113,647                 |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 44.7                     | 6.7                            | 7.0                  | 6.7                    | 7.4                        |
| Corporation, . . . . .   | 37.1                     | 83.9                           | 83.4                 | 83.0                   | 83.2                       |
| Other, . . . . .   | 18.2                     | 9.4                            | 9.6                  | 10.3                   | 9.4                        |
| <b>Automobiles, including bodies and parts,</b> . . . . .              | <b>75</b>                | <b>3,815</b>                   | <b>\$3,909,947</b>   | <b>\$9,284,405</b>     | <b>\$5,085,709</b>         |
| Individual, . . . . .  | 34                       | 272                            | 205,222              | 714,532                | 455,748                    |
| Corporation, . . . . .   | 34                       | 3,292                          | 2,581,024            | 8,335,536              | 4,286,953                  |
| Other, . . . . .   | 17                       | 251                            | 180,701              | 534,637                | 381,006                    |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 32.0                     | 7.1                            | 7.0                  | 7.4                    | 9.0                        |
| Corporation, . . . . .   | 45.3                     | 86.3                           | 86.9                 | 87.0                   | 84.8                       |
| Other, . . . . .   | 22.7                     | 6.6                            | 6.1                  | 5.6                    | 6.5                        |
| <b>Boots and shoes, exclusive of cut stock and findings,</b> . . . . . | <b>444</b>               | <b>74,542</b>                  | <b>\$45,325,273</b>  | <b>\$394,943,623</b>   | <b>\$99,064,265</b>        |
| Individual, . . . . .  | 137                      | 6,817                          | 4,209,647            | 17,194,048             | 7,568,444                  |
| Corporation, . . . . .   | 187                      | 55,491                         | 33,561,795           | 184,284,693            | 59,959,535                 |
| Other, . . . . .   | 120                      | 12,240                         | 7,553,833            | 32,565,882             | 12,539,886                 |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 30.9                     | 9.2                            | 9.3                  | 8.4                    | 9.4                        |
| Corporation, . . . . .   | 42.1                     | 74.4                           | 74.0                 | 75.6                   | 74.9                       |
| Other, . . . . .   | 27.0                     | 16.4                           | 16.7                 | 16.0                   | 15.7                       |
| <b>Boot and shoe cut stock and findings,</b> . . . . .                 | <b>492</b>               | <b>7,994</b>                   | <b>\$4,362,092</b>   | <b>\$59,585,761</b>    | <b>\$11,861,258</b>        |
| Individual, . . . . .  | 194                      | 2,259                          | 1,190,961            | 11,448,387             | 2,843,269                  |
| Corporation, . . . . .   | 92                       | 3,587                          | 2,072,867            | 28,774,930             | 5,077,142                  |
| Other, . . . . .   | 116                      | 2,058                          | 1,038,264            | 19,362,384             | 3,960,945                  |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 48.3                     | 28.6                           | 27.7                 | 19.2                   | 24.6                       |
| Corporation, . . . . .   | 22.9                     | 45.4                           | 48.2                 | 48.3                   | 42.8                       |
| Other, . . . . .   | 28.8                     | 26.0                           | 24.1                 | 32.5                   | 31.6                       |
| <b>Bread and other bakery products,</b> . . . . .                      | <b>1,083</b>             | <b>6,623</b>                   | <b>\$4,484,484</b>   | <b>\$36,963,753</b>    | <b>\$13,185,348</b>        |
| Individual, . . . . .  | 856                      | 2,611                          | 1,905,293            | 12,449,263             | 5,002,859                  |
| Corporation, . . . . .   | 70                       | 2,842                          | 1,757,867            | 12,619,374             | 5,696,213                  |
| Other, . . . . .   | 163                      | 1,170                          | 821,544              | 5,895,115              | 2,486,277                  |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 78.7                     | 39.4                           | 42.5                 | 40.2                   | 37.9                       |
| Corporation, . . . . .   | 6.4                      | 42.9                           | 39.2                 | 40.8                   | 43.2                       |
| Other, . . . . .   | 14.9                     | 17.7                           | 18.3                 | 19.0                   | 18.9                       |
| <b>Clothing, men's, including shirts,</b> . . . . .                    | <b>299</b>               | <b>6,241</b>                   | <b>\$3,695,725</b>   | <b>\$19,397,693</b>    | <b>\$9,411,505</b>         |
| Individual, . . . . .  | 96                       | 1,437                          | 805,264              | 2,661,800              | 1,428,594                  |
| Corporation, . . . . .   | 47                       | 3,758                          | 1,995,396            | 12,686,013             | 5,943,137                  |
| Other, . . . . .   | 66                       | 1,046                          | 895,065              | 4,049,220              | 2,038,804                  |
| <i>Per cent. of total,</i> . . . . .                                   | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>         | <i>100.0</i>           | <i>100.0</i>               |
| Individual, . . . . .  | 45.9                     | 21.0                           | 21.8                 | 13.7                   | 15.2                       |
| Corporation, . . . . .   | 22.5                     | 54.9                           | 54.0                 | 65.4                   | 63.1                       |
| Other, . . . . .   | 31.6                     | 24.1                           | 24.2                 | 20.9                   | 21.7                       |

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                | Number of Establishments | Average Number of Wage-earners | Wages Paid          | Value of Product     | Value Added by Manufacture |
|---|--------------------------|--------------------------------|---------------------|----------------------|----------------------------|
| <b>Clothing, women's,</b>                             | <b>167</b>               | <b>5,373</b>                   | <b>\$3,699,996</b>  | <b>\$12,474,653</b>  | <b>\$5,844,945</b>         |
| Individual, . . . . .                                 | 63                       | 1,230                          | 650,496             | 2,736,022            | 1,321,971                  |
| Corporation, . . . . .                                | 42                       | 2,306                          | 1,041,308           | 4,627,560            | 2,306,664                  |
| Other, . . . . .                                      | 62                       | 1,837                          | 1,008,192           | 5,111,071            | 2,216,330                  |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 37.7                     | 23.3                           | 24.1                | 21.9                 | 22.6                       |
| Corporation, . . . . .                                | 25.1                     | 41.8                           | 38.6                | 37.1                 | 39.5                       |
| Other, . . . . .                                      | 37.2                     | 34.9                           | 37.3                | 41.0                 | 37.9                       |
| <b>Confectionery,</b>                                 | <b>121</b>               | <b>7,996</b>                   | <b>\$2,967,499</b>  | <b>\$21,257,729</b>  | <b>\$8,235,378</b>         |
| Individual, . . . . .                                 | 54                       | 463                            | 223,079             | 1,375,448            | 617,283                    |
| Corporation, . . . . .                                | 54                       | 6,338                          | 2,680,130           | 19,450,837           | 7,439,149                  |
| Other, . . . . .                                      | 23                       | 205                            | 84,290              | 561,444              | 229,476                    |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 41.2                     | 6.6                            | 7.7                 | 6.4                  | 7.4                        |
| Corporation, . . . . .                                | 41.2                     | 90.6                           | 89.4                | 90.9                 | 89.8                       |
| Other, . . . . .                                      | 17.6                     | 2.9                            | 2.9                 | 2.7                  | 2.8                        |
| <b>Cotton goods, including cotton small wares,</b>    | <b>197</b>               | <b>113,222</b>                 | <b>\$53,296,797</b> | <b>\$197,594,533</b> | <b>\$67,563,743</b>        |
| Individual, . . . . .                                 | 8                        | 330                            | 166,379             | 1,002,340            | 439,766                    |
| Corporation, . . . . .                                | 178                      | 111,009                        | 51,264,043          | 192,411,033          | 85,397,166                 |
| Other, . . . . .                                      | 11                       | 1,884                          | 866,235             | 4,181,200            | 1,666,811                  |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 4.1                      | 0.3                            | 0.3                 | 0.5                  | 0.5                        |
| Corporation, . . . . .                                | 90.4                     | 98.0                           | 98.0                | 97.4                 | 97.6                       |
| Other, . . . . .                                      | 5.5                      | 1.7                            | 1.7                 | 2.1                  | 1.9                        |
| <b>Cutlery and tools, not elsewhere specified,</b>    | <b>146</b>               | <b>6,736</b>                   | <b>\$4,257,697</b>  | <b>\$15,047,760</b>  | <b>\$10,967,379</b>        |
| Individual, . . . . .                                 | 57                       | 367                            | 253,100             | 721,856              | 511,903                    |
| Corporation, . . . . .                                | 63                       | 6,222                          | 4,003,653           | 14,053,387           | 10,284,660                 |
| Other, . . . . .                                      | 26                       | 141                            | 95,854              | 272,517              | 190,807                    |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 40.7                     | 5.5                            | 5.9                 | 4.8                  | 4.7                        |
| Corporation, . . . . .                                | 45.0                     | 92.5                           | 91.9                | 93.4                 | 93.6                       |
| Other, . . . . .                                      | 14.3                     | 2.0                            | 2.2                 | 1.8                  | 1.7                        |
| <b>Electrical machinery, apparatus, and supplies,</b> | <b>90</b>                | <b>17,342</b>                  | <b>\$11,596,027</b> | <b>\$43,235,237</b>  | <b>\$24,666,476</b>        |
| Individual, . . . . .                                 | 17                       | 507                            | 252,321             | 1,534,280            | 724,171                    |
| Corporation, . . . . .                                | 69                       | 16,782                         | 11,306,320          | 41,666,325           | 23,868,807                 |
| Other, . . . . .                                      | 4                        | 53                             | 29,386              | 144,732              | 78,498                     |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 18.9                     | 2.9                            | 2.2                 | 3.5                  | 2.9                        |
| Corporation, . . . . .                                | 76.7                     | 96.8                           | 97.6                | 96.1                 | 96.8                       |
| Other, . . . . .                                      | 4.4                      | 0.3                            | 0.2                 | 0.4                  | 0.3                        |
| <b>Foundry and machine-shop products,<sup>1</sup></b> | <b>776</b>               | <b>45,649</b>                  | <b>\$32,888,216</b> | <b>\$106,969,727</b> | <b>\$63,996,462</b>        |
| Individual, . . . . .                                 | 246                      | 1,931                          | 1,345,741           | 6,237,354            | 5,231,735                  |
| Corporation, . . . . .                                | 409                      | 40,929                         | 29,492,694          | 93,418,764           | 56,611,260                 |
| Other, . . . . .                                      | 121                      | 2,789                          | 2,046,781           | 4,164,579            | 2,153,469                  |
| <i>Per cent. of total,</i>                            | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                 | 31.7                     | 4.2                            | 4.1                 | 6.1                  | 8.2                        |
| Corporation, . . . . .                                | 52.7                     | 89.7                           | 89.7                | 89.9                 | 88.4                       |
| Other, . . . . .                                      | 15.6                     | 6.1                            | 6.2                 | 4.0                  | 3.4                        |

<sup>1</sup> Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                        | Number of Establishments | Average Number of Wage-earners | Wages Paid         | Value of Product    | Value Added by Manufacture |
|---|--------------------------|--------------------------------|--------------------|---------------------|----------------------------|
| <b>Furniture and refrigerators,</b>                           | <b>120</b>               | <b>6,231</b>                   | <b>\$3,676,728</b> | <b>\$12,286,963</b> | <b>\$7,152,008</b>         |
| Individual, . . . . .   | 40                       | 474                            | 271,809            | 964,575             | 574,276                    |
| Corporation, . . . . .  | 59                       | 4,949                          | 2,919,475          | 9,687,955           | 5,662,547                  |
| Other, . . . . .  | 31                       | 808                            | 485,344            | 1,734,433           | 915,785                    |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 30.8                     | 7.6                            | 7.4                | 7.8                 | 8.0                        |
| Corporation, . . . . .  | 45.4                     | 79.4                           | 79.4               | 78.2                | 79.2                       |
| Other, . . . . .  | 23.8                     | 13.0                           | 13.2               | 14.0                | 12.8                       |
| <b>Hosiery and knit goods,</b>                                | <b>59</b>                | <b>9,866</b>                   | <b>\$4,591,715</b> | <b>\$17,215,247</b> | <b>\$7,943,210</b>         |
| Individual, . . . . .   | 9                        | 206                            | 58,371             | 496,591             | 226,517                    |
| Corporation, . . . . .  | 42                       | 8,931                          | 4,032,661          | 14,464,195          | 6,676,555                  |
| Other, . . . . .  | 8                        | 729                            | 360,683            | 2,254,461           | 940,038                    |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 15.3                     | 2.1                            | 2.0                | 2.9                 | 2.9                        |
| Corporation, . . . . .  | 71.2                     | 90.5                           | 89.0               | 84.0                | 85.1                       |
| Other, . . . . .  | 13.5                     | 7.4                            | 8.4                | 13.1                | 12.0                       |
| <b>Jewelry,</b>   | <b>159</b>               | <b>5,177</b>                   | <b>\$3,280,977</b> | <b>\$13,170,895</b> | <b>\$5,249,352</b>         |
| Individual, . . . . .   | 42                       | 564                            | 383,733            | 1,309,493           | 740,063                    |
| Corporation, . . . . .  | 65                       | 2,876                          | 1,784,903          | 7,043,747           | 3,347,040                  |
| Other, . . . . .  | 52                       | 1,737                          | 1,092,341          | 4,727,655           | 2,362,249                  |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 26.4                     | 10.9                           | 11.8               | 10.6                | 11.7                       |
| Corporation, . . . . .  | 40.9                     | 55.5                           | 54.7               | 53.5                | 52.7                       |
| Other, . . . . .  | 32.7                     | 33.6                           | 33.5               | 35.9                | 35.6                       |
| <b>Leather, tanned, curried, and finished,</b>                | <b>122</b>               | <b>10,185</b>                  | <b>\$5,981,472</b> | <b>\$45,383,396</b> | <b>\$15,363,108</b>        |
| Individual, . . . . .   | 35                       | 1,028                          | 620,878            | 2,908,918           | 1,399,004                  |
| Corporation, . . . . .  | 62                       | 7,952                          | 4,648,449          | 37,305,820          | 12,285,923                 |
| Other, . . . . .  | 25                       | 1,205                          | 712,145            | 5,168,660           | 1,577,581                  |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 28.7                     | 10.1                           | 10.4               | 6.4                 | 9.2                        |
| Corporation, . . . . .  | 50.8                     | 78.1                           | 77.7               | 82.2                | 80.5                       |
| Other, . . . . .  | 20.5                     | 11.8                           | 11.9               | 11.4                | 10.3                       |
| <b>Musical instruments, pianos and organs, and materials,</b> | <b>47</b>                | <b>3,607</b>                   | <b>\$2,345,220</b> | <b>\$7,565,525</b>  | <b>\$4,236,182</b>         |
| Individual, . . . . .   | 13                       | 117                            | 87,706             | 313,463             | 163,926                    |
| Corporation, . . . . .  | 34                       | 3,490                          | 2,256,114          | 7,252,062           | 4,072,176                  |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 27.7                     | 3.2                            | 3.7                | 4.1                 | 3.9                        |
| Corporation, . . . . .  | 72.3                     | 96.8                           | 96.3               | 95.9                | 96.1                       |
| <b>Paper and wood pulp,</b>                                   | <b>86</b>                | <b>12,147</b>                  | <b>\$7,330,563</b> | <b>\$44,900,579</b> | <b>\$13,201,975</b>        |
| Individual, . . . . .   | 4                        | 85                             | 46,112             | 233,033             | 122,398                    |
| Corporation, . . . . .  | 71                       | 11,483                         | 6,375,304          | 36,582,354          | 15,155,890                 |
| Other, . . . . .  | 11                       | 1,579                          | 909,143            | 7,245,192           | 3,023,687                  |
| <i>Per cent. of total,</i> . . . . .                          | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>       | <i>100.0</i>        | <i>100.0</i>               |
| Individual, . . . . .   | 4.7                      | 0.6                            | 0.6                | 0.5                 | 0.7                        |
| Corporation, . . . . .  | 82.6                     | 87.3                           | 86.3               | 88.0                | 82.8                       |
| Other, . . . . .  | 12.7                     | 12.1                           | 13.1               | 16.5                | 16.5                       |

<sup>1</sup> Two partnerships included in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

| INDUSTRIES AND CHARACTER OF OWNERSHIP.                     | Number of Establishments | Average Number of Wage-earners | Wages Paid          | Value of Product     | Value Added by Manufacture |
|--|--------------------------|--------------------------------|---------------------|----------------------|----------------------------|
| <b>Slaughtering and meat packing, including sausage, .</b> | <b>84</b>                | <b>3,473</b>                   | <b>\$2,198,566</b>  | <b>\$49,878,419</b>  | <b>\$4,869,563</b>         |
| Individual, . . . . .                                      | 48                       | 192                            | 134,969             | 2,319,880            | 381,941                    |
| Corporation, . . . . .                                     | 22                       | 3,187                          | 1,988,232           | 46,693,525           | 4,307,675                  |
| Other, . . . . .   | 14                       | 94                             | 72,366              | 1,565,234            | 159,947                    |
| <i>Per cent. of total, . . . . .</i>                       | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                      | 57.1                     | 5.5                            | 6.2                 | 4.7                  | 7.9                        |
| Corporation, . . . . .                                     | 26.2                     | 91.8                           | 90.6                | 92.2                 | 88.8                       |
| Other, . . . . .   | 16.7                     | 2.7                            | 3.2                 | 3.1                  | 3.3                        |
| <b>Woolen, worsted, and felt goods, .</b>                  | <b>108</b>               | <b>53,268</b>                  | <b>\$36,967,146</b> | <b>\$143,628,515</b> | <b>\$53,548,086</b>        |
| Individual, . . . . .                                      | 21                       | 1,562                          | 816,677             | 3,714,492            | 1,711,163                  |
| Corporation, . . . . .                                     | 123                      | 47,305                         | 23,247,263          | 127,963,533          | 47,313,926                 |
| Other, . . . . .   | 24                       | 4,501                          | 2,303,306           | 11,950,490           | 4,622,997                  |
| <i>Per cent. of total, . . . . .</i>                       | <i>100.0</i>             | <i>100.0</i>                   | <i>100.0</i>        | <i>100.0</i>         | <i>100.0</i>               |
| Individual, . . . . .                                      | 12.5                     | 2.9                            | 3.1                 | 2.6                  | 3.2                        |
| Corporation, . . . . .                                     | 73.2                     | 88.6                           | 88.2                | 89.1                 | 88.2                       |
| Other, . . . . .   | 14.3                     | 8.5                            | 8.7                 | 8.3                  | 8.6                        |

TABLE III. WAGE-EARNERS.  
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH; BY INDUSTRIES — 1915.

| Industries and Sex.                             | Average Number Em-<br>ployed | January | Febru-<br>ary | March   | April   | May     | June    | July    | August  | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|---|------------------------------|---------|---------------|---------|---------|---------|---------|---------|---------|----------------|---------|---------------|---------------|
| <b>THE STATE.</b>                               |                              |         |               |         |         |         |         |         |         |                |         |               |               |
| Males, . . . . .                                | 800,948                      | 807,802 | 875,705       | 804,116 | 801,869 | 800,679 | 801,000 | 801,229 | 800,764 | 804,764        | 824,212 | 833,077       | 845,301       |
| Females, . . . . .                              | 413,017                      | 390,883 | 396,003       | 401,199 | 400,577 | 402,159 | 404,800 | 407,006 | 414,563 | 421,116        | 431,409 | 440,241       | 447,814       |
| 183,331   | 176,619                      | 170,673 | 182,917       | 181,373 | 178,320 | 176,320 | 177,009 | 174,124 | 179,191 | 183,639        | 192,904 | 196,436       | 197,577       |
| <b>Agricultural Implements.</b>                 |                              |         |               |         |         |         |         |         |         |                |         |               |               |
| Males, . . . . .                                | 324                          | 318     | 329           | 343     | 333     | 304     | 313     | 322     | 300     | 312            | 308     | 375           | 435           |
| Females, . . . . .                              | 324                          | 318     | 329           | 343     | 333     | 304     | 313     | 322     | 300     | 312            | 308     | 375           | 435           |
| <b>Artificial Limbs.</b>                        |                              |         |               |         |         |         |         |         |         |                |         |               |               |
| Males, . . . . .                                | 26                           | 25      | 24            | 25      | 24      | 26      | 25      | 25      | 24      | 27             | 24      | 25            | 24            |
| Females, . . . . .                              | 24                           | 23      | 22            | 23      | 22      | 24      | 21      | 23      | 22      | 25             | 22      | 23            | 22            |
| 2   | 2                            | 2       | 2             | 2       | 2       | 2       | 2       | 2       | 2       | 2              | 2       | 2             | 2             |
| <b>Artificial Stone Products.</b>               |                              |         |               |         |         |         |         |         |         |                |         |               |               |
| Males, . . . . .                                | 350                          | 353     | 353           | 305     | 354     | 351     | 356     | 350     | 354     | 400            | 409     | 364           | 324           |
| Females, . . . . .                              | 350                          | 353     | 353           | 305     | 354     | 351     | 356     | 350     | 354     | 400            | 409     | 364           | 324           |
| <b>Automobiles, including Bodies and Parts.</b> |                              |         |               |         |         |         |         |         |         |                |         |               |               |
| Males, . . . . .                                | 9,215                        | 9,775   | 9,008         | 9,473   | 9,631   | 9,998   | 4,164   | 4,882   | 9,217   | 9,998          | 4,141   | 4,165         | 4,909         |
| Females, . . . . .                              | 3,778                        | 2,763   | 3,071         | 3,444   | 3,599   | 3,997   | 4,126   | 4,216   | 3,772   | 3,992          | 4,098   | 4,125         | 4,227         |
| 37  | 22                           | 27      | 29            | 32      | 31      | 31      | 38      | 36      | 46      | 43             | 43      | 40            | 39            |

|   |  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Awnings, Tents, and Sails.</b>           |  | 344   | 245   | 273   | 313   | 413   | 608   | 617   | 489   | 333   | 298   | 313   | 360   | 363   |
| Males, . . . . .                            |  | 236   | 178   | 190   | 247   | 266   | 330   | 339   | 272   | 216   | 206   | 219   | 198   | 174   |
| Females, . . . . .                          |  | 118   | 77    | 83    | 116   | 147   | 173   | 178   | 157   | 116   | 92    | 93    | 92    | 88    |
| <b>Baskets, and Batten and Willow Ware.</b> |  | 156   | 177   | 189   | 189   | 191   | 197   | 199   | 199   | 194   | 194   | 198   | 307   | 304   |
| Males, . . . . .                            |  | 178   | 162   | 174   | 174   | 175   | 181   | 182   | 181   | 179   | 176   | 179   | 188   | 185   |
| Females, . . . . .                          |  | 17    | 15    | 15    | 15    | 16    | 16    | 17    | 18    | 15    | 18    | 19    | 19    | 19    |
| <b>Belting, Leather.</b>                    |  | 1,368 | 1,368 | 1,366 | 1,360 | 1,374 | 1,377 | 1,391 | 1,306 | 1,431 | 1,424 | 1,435 | 1,466 | 1,531 |
| Males, . . . . .                            |  | 1,306 | 1,210 | 1,236 | 1,193 | 1,216 | 1,315 | 1,235 | 1,246 | 1,365 | 1,358 | 1,390 | 1,398 | 1,509 |
| Females, . . . . .                          |  | 62    | 58    | 60    | 57    | 58    | 62    | 59    | 60    | 66    | 66    | 65    | 67    | 72    |
| <b>Belting and Hose, Woven.</b>             |  | 166   | 173   | 163   | 173   | 176   | 300   | 187   | 186   | 196   | 306   | 313   | 330   | 334   |
| Males, . . . . .                            |  | 194   | 108   | 99    | 107   | 110   | 128   | 121   | 124   | 122   | 134   | 135   | 133   | 153   |
| Females, . . . . .                          |  | 71    | 65    | 64    | 66    | 66    | 72    | 66    | 71    | 74    | 72    | 78    | 82    | 81    |
| <b>Billiard Tables and Materials.</b>       |  | 34    | 36    | 36    | 35    | 34    | 34    | 34    | 33    | 33    | 33    | 33    | 34    | 34    |
| Males, . . . . .                            |  | 34    | 36    | 36    | 35    | 34    | 34    | 34    | 33    | 33    | 33    | 33    | 34    | 34    |
| Females, . . . . .                          |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| <b>Blacking, Stains, and Dressings.</b>     |  | 463   | 339   | 438   | 448   | 454   | 608   | 498   | 477   | 411   | 435   | 447   | 456   | 468   |
| Males, . . . . .                            |  | 265   | 230   | 240   | 240   | 251   | 382   | 261   | 261   | 262   | 260   | 261   | 265   | 270   |
| Females, . . . . .                          |  | 197   | 159   | 188   | 208   | 203   | 246   | 225   | 216   | 149   | 175   | 186   | 191   | 192   |
| <b>Bookbinding and Blank-Book Making.</b>   |  | 2,389 | 2,338 | 2,353 | 2,340 | 2,343 | 2,354 | 2,371 | 2,390 | 2,358 | 2,350 | 2,374 | 2,397 | 2,395 |
| Males, . . . . .                            |  | 1,553 | 1,530 | 1,549 | 1,533 | 1,537 | 1,537 | 1,566 | 1,584 | 1,522 | 1,534 | 1,584 | 1,586 | 1,597 |
| Females, . . . . .                          |  | 1,316 | 1,298 | 1,303 | 1,307 | 1,306 | 1,307 | 1,309 | 1,326 | 1,335 | 1,316 | 1,330 | 1,332 | 1,328 |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| Industries and Sex.                          |  | January                 | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|--|--|-------------------------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
|  |  | Average Number Employed |          |        |        |        |        |        |        |           |         |          |          |
| <b>Boot and Shoe Cut Stock and Findings.</b> |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 7,904                   | 7,979    | 7,968  | 7,905  | 7,100  | 6,880  | 7,258  | 7,687  | 8,085     | 8,224   | 8,311    | 9,291    |
| Females, . . . . .                           |  | 5,533                   | 5,592    | 5,536  | 5,269  | 4,981  | 4,810  | 5,068  | 5,368  | 5,638     | 5,751   | 6,203    | 6,580    |
|  |  | 2,371                   | 2,387    | 2,416  | 2,336  | 2,179  | 2,070  | 2,188  | 2,319  | 2,387     | 2,473   | 2,608    | 2,711    |
| <b>Boots and Shoes.</b>                      |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 74,580                  | 75,108   | 74,765 | 70,325 | 68,355 | 69,839 | 70,340 | 76,198 | 74,868    | 76,165  | 79,499   | 82,987   |
| Females, . . . . .                           |  | 48,876                  | 49,045   | 48,890 | 46,138 | 45,137 | 46,044 | 47,166 | 50,032 | 49,631    | 49,479  | 52,162   | 54,540   |
|  |  | 25,673                  | 26,057   | 25,875 | 24,187 | 23,218 | 23,485 | 23,774 | 25,166 | 25,255    | 25,676  | 27,337   | 28,397   |
| <b>Boots and Shoes, Rubber.</b>              |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 9,274                   | 9,039    | 9,352  | 9,178  | 9,271  | 9,444  | 9,989  | 8,850  | 9,296     | 9,506   | 9,731    | 10,114   |
| Females, . . . . .                           |  | 5,244                   | 5,232    | 5,326  | 5,188  | 5,162  | 5,239  | 5,073  | 5,019  | 5,242     | 5,331   | 5,425    | 5,667    |
|  |  | 4,030                   | 3,807    | 4,026  | 3,990  | 4,109  | 4,205  | 4,916  | 3,831  | 4,053     | 4,174   | 4,306    | 4,447    |
| <b>Boxes, Cigar.</b>                         |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 179                     | 174      | 175    | 177    | 177    | 177    | 177    | 181    | 184       | 182     | 186      | 186      |
| Females, . . . . .                           |  | 87                      | 86       | 86     | 86     | 86     | 87     | 87     | 86     | 88        | 87      | 87       | 87       |
|  |  | 92                      | 88       | 89     | 91     | 91     | 90     | 90     | 95     | 96        | 95      | 99       | 99       |
| <b>Boxes, Fancy and Paper.</b>               |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 4,018                   | 3,992    | 3,958  | 3,915  | 3,913  | 3,896  | 3,750  | 3,864  | 3,965     | 4,224   | 4,374    | 4,414    |
| Females, . . . . .                           |  | 1,464                   | 1,441    | 1,448  | 1,464  | 1,455  | 1,429  | 1,416  | 1,423  | 1,440     | 1,513   | 1,533    | 1,582    |
|  |  | 2,548                   | 2,539    | 2,510  | 2,451  | 2,458  | 2,377  | 2,334  | 2,441  | 2,515     | 2,711   | 2,841    | 2,832    |
| <b>Boxes, Wooden Packing.</b>                |  |                         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .                             |  | 3,226                   | 3,163    | 3,219  | 3,123  | 3,139  | 3,123  | 3,078  | 3,066  | 3,168     | 3,543   | 3,499    | 3,565    |
| Females, . . . . .                           |  | 2,979                   | 2,921    | 2,978  | 2,942  | 2,907  | 2,889  | 2,852  | 2,834  | 2,905     | 3,089   | 3,229    | 3,281    |
|  |  | 247                     | 242      | 241    | 241    | 232    | 234    | 226    | 231    | 247       | 254     | 270      | 274      |

| Brass, Bronze, and Copper Products. |  | 1,919 | 1,978 | 1,718 | 1,755 | 1,737 | 1,876 | 1,965 | 2,020 | 2,087 | 2,059 | 2,110 | 2,178 | 2,249 |
|-------------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Males, . . . . .                    |  | 1,915 | 1,930 | 1,701 | 1,719 | 1,991 | 1,940 | 1,935 | 1,991 | 2,036 | 2,029 | 2,080 | 2,143 | 2,218 |
| Females, . . . . .                  |  | 34    | 42    | 41    | 36    | 36    | 36    | 30    | 29    | 31    | 30    | 30    | 30    | 31    |
| Bread and Other Bakery Products.    |  | 6,925 | 6,925 | 6,480 | 6,517 | 6,498 | 6,587 | 6,641 | 6,678 | 6,568 | 6,651 | 6,638 | 6,836 | 6,790 |
| Males, . . . . .                    |  | 5,692 | 5,532 | 5,523 | 5,575 | 5,611 | 5,636 | 5,715 | 5,730 | 5,689 | 5,710 | 5,660 | 5,866 | 5,854 |
| Females, . . . . .                  |  | 931   | 941   | 928   | 942   | 881   | 901   | 926   | 948   | 879   | 941   | 976   | 969   | 936   |
| Brick and Tile.                     |  | 1,015 | 635   | 510   | 689   | 870   | 1,365 | 1,453 | 1,325 | 1,421 | 1,399 | 1,068 | 761   | 617   |
| Males, . . . . .                    |  | 994   | 512   | 490   | 510   | 852   | 1,339 | 1,438 | 1,268 | 1,466 | 1,383 | 1,049 | 731   | 594   |
| Females, . . . . .                  |  | 18    | 21    | 20    | 19    | 18    | 16    | 15    | 15    | 15    | 17    | 17    | 20    | 23    |
| Brooms.                             |  | 115   | 108   | 118   | 118   | 114   | 113   | 110   | 112   | 108   | 108   | 114   | 110   | 111   |
| Males, . . . . .                    |  | 106   | 100   | 105   | 105   | 106   | 106   | 103   | 105   | 102   | 102   | 108   | 103   | 105   |
| Females, . . . . .                  |  | 7     | 8     | 7     | 7     | 6     | 7     | 7     | 7     | 6     | 6     | 6     | 7     | 6     |
| Brushes.                            |  | 1,403 | 1,364 | 1,166 | 1,147 | 1,146 | 1,149 | 1,131 | 1,126 | 1,180 | 1,265 | 1,316 | 1,318 | 1,310 |
| Males, . . . . .                    |  | 630   | 665   | 617   | 612   | 590   | 598   | 592   | 592   | 636   | 647   | 674   | 690   | 694   |
| Females, . . . . .                  |  | 573   | 599   | 549   | 534   | 539   | 551   | 539   | 534   | 544   | 578   | 642   | 632   | 646   |
| Butter.                             |  | 37    | 38    | 38    | 38    | 37    | 38    | 38    | 39    | 39    | 38    | 38    | 37    | 37    |
| Males, . . . . .                    |  | 37    | 38    | 38    | 38    | 37    | 38    | 38    | 39    | 39    | 38    | 38    | 37    | 37    |
| Females, . . . . .                  |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Buttons.                            |  | 667   | 428   | 208   | 516   | 646   | 570   | 663   | 717   | 764   | 768   | 783   | 785   | 803   |
| Males, . . . . .                    |  | 263   | 180   | 189   | 196   | 236   | 234   | 263   | 276   | 276   | 283   | 297   | 304   | 316   |
| Females, . . . . .                  |  | 404   | 278   | 317   | 317   | 323   | 346   | 400   | 441   | 486   | 486   | 486   | 478   | 486   |

TABLE III. WAGE-EARNERS — Continued.  
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.  | Average<br>Number<br>Em-<br>ployed | January | February | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|------------------------------------|---------|----------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Canning and Preserving.</b>   |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 1,717                              | 1,855   | 1,784    | 1,666 | 1,532 | 1,458 | 1,521 | 1,600 | 1,646  | 1,788          | 1,938   | 1,984         | 1,880         |
| Females, . . . . .   | 1,396                              | 1,485   | 1,424    | 1,284 | 1,185 | 1,086 | 1,140 | 1,224 | 1,247  | 1,388          | 1,473   | 1,491         | 1,472         |
|  | 391                                | 370     | 360      | 372   | 347   | 372   | 381   | 376   | 399    | 400            | 465     | 443           | 408           |
| <b>Carpets and Rugs, Other than Rag.</b>   |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 4,688                              | 4,777   | 4,822    | 4,718 | 4,712 | 4,701 | 4,761 | 3,842 | 4,553  | 4,498          | 4,663   | 4,886         | 4,805         |
| Females, . . . . .   | 2,754                              | 2,803   | 2,847    | 2,797 | 2,811 | 2,841 | 2,850 | 2,426 | 2,688  | 2,657          | 2,689   | 2,808         | 2,844         |
|  | 1,884                              | 1,974   | 1,975    | 1,921 | 1,901 | 1,860 | 1,911 | 1,416 | 1,865  | 1,835          | 1,964   | 2,028         | 1,961         |
| <b>Carpets, Rag.</b>   |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 111                                | 91      | 72       | 76    | 119   | 130   | 137   | 124   | 118    | 121            | 117     | 105           | 99            |
| Females, . . . . .   | 99                                 | 82      | 64       | 68    | 105   | 115   | 122   | 113   | 108    | 107            | 105     | 94            | 88            |
|  | 12                                 | 9       | 8        | 8     | 14    | 15    | 15    | 11    | 10     | 14             | 12      | 11            | 11            |
| <b>Carriages and Sleds, Children's.</b>  |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 1,129                              | 1,143   | 1,180    | 1,210 | 1,201 | 1,162 | 1,066 | 912   | 957    | 1,049          | 1,204   | 1,231         | 1,233         |
| Females, . . . . .   | 1,008                              | 1,021   | 1,057    | 1,083 | 1,070 | 1,044 | 961   | 822   | 857    | 934            | 1,070   | 1,085         | 1,087         |
|  | 121                                | 122     | 123      | 127   | 131   | 118   | 105   | 90    | 100    | 115            | 134     | 146           | 146           |
| <b>Carriages and Wagons, and Materials.</b>  |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 1,111                              | 1,022   | 1,076    | 1,169 | 1,200 | 1,207 | 1,243 | 1,140 | 1,087  | 1,000          | 988     | 974           | 966           |
| Females, . . . . .   | 1,110                              | 1,021   | 1,075    | 1,198 | 1,289 | 1,296 | 1,242 | 1,139 | 1,086  | 999            | 987     | 973           | 955           |
|  | 1                                  | 1       | 1        | 1     | 1     | 1     | 1     | 1     | 1      | 1              | 1       | 1             | 1             |
| <b>Cars and General Shop Construction and Repairs by Steam Railroad Companies.</b> |                                    |         |          |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .   | 6,249                              | 6,389   | 6,555    | 6,339 | 6,341 | 6,444 | 6,396 | 6,165 | 6,148  | 5,973          | 6,068   | 6,203         | 6,229         |
| Females, . . . . .   | 6,234                              | 6,315   | 6,340    | 6,322 | 6,326 | 6,426 | 6,379 | 6,151 | 6,134  | 5,958          | 6,053   | 6,190         | 6,216         |
|  | 15                                 | 14      | 15       | 17    | 15    | 18    | 17    | 14    | 14     | 15             | 15      | 13            | 13            |

|   | 1,746 | 1,545 | 1,363 | 1,400 | 1,535 | 1,601 | 1,525 | 1,355 | 1,358 | 9,078 | 9,105 | 9,548 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Chemicals.</b>                                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 1,638 | 1,235 | 1,249 | 1,384 | 1,408 | 1,537 | 1,567 | 1,728 | 1,747 | 1,900 | 2,010 | 2,213 |
| Females, . . . . .                                    | 108   | 108   | 114   | 116   | 117   | 112   | 104   | 107   | 105   | 100   | 95    | 115   |
| <b>Cleaning and Polishing Preparations.</b>           |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 65    | 63    | 66    | 70    | 66    | 66    | 61    | 58    | 63    | 66    | 67    | 78    |
| Females, . . . . .                                    | 51    | 50    | 52    | 56    | 52    | 52    | 47    | 45    | 50    | 52    | 54    | 55    |
| <b>Cloth, Sponging and Refinishing.</b>               |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 44    | 45    | 43    | 43    | 48    | 48    | 44    | 48    | 45    | 47    | 43    | 43    |
| Females, . . . . .                                    | 44    | 45    | 43    | 43    | 42    | 42    | 44    | 42    | 45    | 47    | 43    | 43    |
| <b>Clothing, Men's.</b>                               |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 5,154 | 5,034 | 5,248 | 5,331 | 5,048 | 5,032 | 4,978 | 5,065 | 4,968 | 5,331 | 5,309 | 5,180 |
| Females, . . . . .                                    | 2,485 | 2,465 | 2,601 | 2,581 | 2,376 | 2,410 | 2,383 | 2,436 | 2,479 | 2,611 | 2,599 | 2,496 |
| <b>Clothing, Women's.</b>                             |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 2,669 | 2,559 | 2,747 | 2,800 | 2,672 | 2,632 | 2,596 | 2,619 | 2,536 | 2,730 | 2,710 | 2,665 |
| Females, . . . . .                                    | 5,273 | 4,561 | 5,270 | 5,703 | 5,339 | 5,775 | 5,433 | 4,323 | 4,708 | 5,706 | 5,352 | 4,770 |
| <b>Coffee and Spice, Roasting and Grinding.</b>       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 1,274 | 1,129 | 1,309 | 1,426 | 1,454 | 1,362 | 1,248 | 1,078 | 1,238 | 1,431 | 1,297 | 1,084 |
| Females, . . . . .                                    | 3,999 | 3,432 | 3,961 | 4,277 | 4,375 | 4,413 | 4,234 | 3,750 | 3,990 | 4,268 | 4,055 | 3,686 |
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 447   | 444   | 444   | 448   | 444   | 448   | 444   | 448   | 455   | 461   | 463   | 461   |
| Females, . . . . .                                    | 272   | 268   | 270   | 270   | 272   | 269   | 270   | 272   | 274   | 274   | 276   | 279   |
| <b>Coffins, Burial Cases, and Undertakers' Goods.</b> |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                                      | 175   | 178   | 174   | 172   | 172   | 173   | 174   | 176   | 181   | 177   | 177   | 182   |
| Females, . . . . .                                    | 359   | 367   | 364   | 365   | 376   | 367   | 363   | 363   | 364   | 363   | 364   | 358   |
| Males, . . . . .                                      | 317   | 316   | 324   | 325   | 324   | 326   | 322   | 317   | 307   | 311   | 312   | 309   |
| Females, . . . . .                                    | 42    | 41    | 40    | 40    | 42    | 41    | 41    | 41    | 43    | 42    | 42    | 43    |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| Industries and Sex.                          |       | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|-------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| Average Number Employed                      |       |         |          |       |       |       |       |       |        |           |         |          |          |
| <b>Combs and Hairpins.</b>                   |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 2,180 | 1,851   | 1,909    | 2,011 | 1,897 | 1,950 | 1,915 | 1,984 | 2,194  | 2,345     | 2,488   | 2,515    | 2,323    |
| Females, . . . . .                           | 1,513 | 1,277   | 1,340    | 1,417 | 1,353 | 1,384 | 1,349 | 1,415 | 1,596  | 1,700     | 1,783   | 1,812    | 1,732    |
|  | 607   | 574     | 569      | 594   | 544   | 566   | 566   | 569   | 598    | 645       | 703     | 703      | 650      |
| <b>Confectionery.</b>                        |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 7,008 | 6,683   | 6,651    | 6,504 | 6,313 | 6,432 | 6,400 | 6,965 | 6,783  | 7,554     | 8,532   | 8,431    | 7,967    |
| Females, . . . . .                           | 1,899 | 1,797   | 1,884    | 1,857 | 1,816 | 1,826 | 1,812 | 1,673 | 1,819  | 1,951     | 2,148   | 2,161    | 2,027    |
|  | 5,107 | 4,886   | 4,767    | 4,647 | 4,497 | 4,596 | 4,648 | 4,312 | 4,964  | 5,603     | 6,234   | 6,270    | 5,940    |
| <b>Confectionery (Ice Cream).</b>            |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 448   | 553     | 534      | 346   | 408   | 500   | 577   | 615   | 612    | 552       | 400     | 344      | 389      |
| Females, . . . . .                           | 432   | 324     | 325      | 337   | 393   | 482   | 556   | 591   | 590    | 532       | 389     | 335      | 320      |
|  | 16    | 9       | 9        | 9     | 15    | 18    | 21    | 24    | 22     | 20        | 11      | 9        | 9        |
| <b>Cooperage.</b>                            |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 763   | 880     | 785      | 753   | 795   | 757   | 764   | 744   | 780    | 719       | 769     | 748      | 780      |
| Females, . . . . .                           | 763   | 820     | 785      | 753   | 795   | 757   | 764   | 744   | 780    | 719       | 769     | 746      | 780      |
|  | -     | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Copper, Tin, and Sheet-Iron Products.</b> |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 2,634 | 2,820   | 2,899    | 2,414 | 2,593 | 2,673 | 2,776 | 2,822 | 2,782  | 2,798     | 2,756   | 2,705    | 2,750    |
| Females, . . . . .                           | 2,536 | 2,166   | 2,209    | 2,328 | 2,502 | 2,572 | 2,665 | 2,702 | 2,678  | 2,689     | 2,667   | 2,602    | 2,661    |
|  | 98    | 84      | 90       | 86    | 91    | 101   | 111   | 129   | 104    | 109       | 89      | 103      | 89       |
| <b>Cordage and Twine, and Jute Goods.</b>    |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .                             | 5,174 | 4,936   | 4,962    | 5,083 | 5,166 | 5,438 | 5,597 | 5,641 | 5,340  | 5,167     | 5,133   | 4,889    | 4,853    |
| Females, . . . . .                           | 3,139 | 2,852   | 2,878    | 2,882 | 3,053 | 3,374 | 3,582 | 3,617 | 3,309  | 3,143     | 3,129   | 2,913    | 2,946    |
|  | 2,035 | 2,084   | 2,084    | 2,141 | 2,113 | 2,062 | 2,015 | 2,024 | 2,031  | 2,024     | 2,004   | 1,916    | 1,907    |

|   |   |         |         |         |         |         |         |         |         |         |         |         |         |         |
|---|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Corsets.</b>                                   |   | \$,448  | \$,080  | \$,157  | \$,311  | \$,488  | \$,656  | \$,598  | \$,593  | \$,536  | \$,588  | \$,604  | \$,555  | \$,483  |
| Males,  | . | 308     | 284     | 293     | 301     | 306     | 304     | 306     | 322     | 318     | 315     | 313     | 308     | 314     |
| Females,  | . | 2,140   | 1,736   | 1,844   | 2,010   | 2,122   | 2,231   | 2,292   | 2,271   | 2,218   | 2,267   | 2,291   | 2,227   | 2,174   |
| <b>Cotton Goods.</b>                              |   | 112,221 | 106,878 | 109,787 | 111,464 | 111,903 | 111,880 | 112,878 | 111,835 | 111,166 | 111,783 | 114,640 | 115,733 | 116,768 |
| Males,  | . | 60,632  | 58,963  | 59,522  | 60,290  | 60,419  | 60,441  | 60,528  | 60,302  | 60,108  | 60,126  | 61,716  | 62,542  | 62,637  |
| Females,  | . | 51,589  | 48,015  | 50,265  | 51,174  | 51,484  | 51,370  | 51,744  | 51,533  | 51,048  | 51,607  | 52,924  | 53,171  | 53,131  |
| <b>Cotton Small Wares.</b>                        |   | 1,002   | 845     | 873     | 895     | 921     | 917     | 951     | 1,009   | 1,066   | 1,083   | 1,111   | 1,166   | 1,208   |
| Males,  | . | 402     | 345     | 337     | 353     | 365     | 363     | 381     | 414     | 418     | 426     | 452     | 466     | 496     |
| Females,  | . | 600     | 510     | 521     | 542     | 556     | 554     | 570     | 595     | 638     | 657     | 659     | 690     | 708     |
| <b>Outfry and Tools, not elsewhere Specified.</b> |   | 6,780   | 6,445   | 6,680   | 6,366   | 6,371   | 6,301   | 6,533   | 6,454   | 6,608   | 6,893   | 7,221   | 7,448   | 7,606   |
| Males,  | . | 6,032   | 5,772   | 5,925   | 5,701   | 5,628   | 5,663   | 5,684   | 5,776   | 6,080   | 6,200   | 6,449   | 6,646   | 6,874   |
| Females,  | . | 698     | 671     | 696     | 665     | 643     | 639     | 648     | 658     | 668     | 693     | 772     | 796     | 822     |
| <b>Dental Goods.</b>                              |   | 61      | 61      | 61      | 61      | 61      | 61      | 68      | 61      | 60      | 60      | 60      | 61      | 61      |
| Males,  | . | 40      | 40      | 40      | 40      | 40      | 40      | 41      | 40      | 39      | 39      | 39      | 40      | 40      |
| Females,  | . | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      | 11      |
| <b>Dyeing and Finishing Textiles.</b>             |   | 11,895  | 10,805  | 10,916  | 11,243  | 11,393  | 11,524  | 11,433  | 11,436  | 11,337  | 11,510  | 12,166  | 12,430  | 12,803  |
| Males,  | . | 9,498   | 8,939   | 8,996   | 9,176   | 9,295   | 9,463   | 9,383   | 9,325   | 9,249   | 9,363   | 9,969   | 10,205  | 10,530  |
| Females,  | . | 2,106   | 1,866   | 1,919   | 2,066   | 2,097   | 2,071   | 2,050   | 2,111   | 2,088   | 2,147   | 2,207   | 2,225   | 2,273   |
| <b>Dyestuffs and Extracts.</b>                    |   | 145     | 136     | 134     | 133     | 137     | 143     | 139     | 138     | 138     | 137     | 143     | 164     | 176     |
| Males,  | . | 140     | 133     | 129     | 128     | 132     | 136     | 136     | 135     | 137     | 136     | 147     | 163     | 174     |
| Females,  | . | 3       | 3       | 5       | 5       | 5       | 5       | 3       | 1       | 1       | 1       | 1       | 2       | 2       |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.   | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|---|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| <b>Electrical Machinery, Apparatus, and Supplies.</b>               |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 17,542                             | 15,342  | 15,431   | 14,720 | 16,316 | 17,026 | 17,592 | 17,861 | 17,723 | 18,420    | 18,279  | 18,841   | 19,561   |
| Females, . . . . .  | 13,951                             | 12,369  | 12,418   | 12,600 | 13,133 | 13,735 | 14,192 | 14,459 | 14,359 | 14,851    | 14,616  | 15,028   | 15,634   |
|   | 3,391                              | 2,973   | 3,013    | 3,120  | 3,183  | 3,291  | 3,400  | 3,402  | 3,364  | 3,569     | 3,663   | 3,813    | 3,927    |
| <b>Electroplating.</b>  |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 244                                | 250     | 230      | 242    | 230    | 238    | 238    | 231    | 235    | 243       | 255     | 272      | 263      |
| Females, . . . . .  | 234                                | 222     | 220      | 232    | 221    | 229    | 227    | 220    | 224    | 233       | 244     | 262      | 254      |
|   | 10                                 | 8       | 10       | 10     | 9      | 9      | 11     | 11     | 11     | 10        | 11      | 10       | 9        |
| <b>Enameling and Japanning.</b>                                     |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 143                                | 122     | 133      | 142    | 140    | 137    | 148    | 151    | 153    | 144       | 147     | 150      | 155      |
| Females, . . . . .  | 99                                 | 81      | 92       | 98     | 101    | 97     | 107    | 101    | 95     | 97        | 97      | 100      | 105      |
|   | 44                                 | 41      | 41       | 44     | 39     | 40     | 41     | 50     | 38     | 47        | 50      | 50       | 50       |
| <b>Engraving and Diesinking.</b>                                    |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 149                                | 162     | 161      | 159    | 150    | 142    | 143    | 142    | 140    | 145       | 149     | 150      | 153      |
| Females, . . . . .  | 141                                | 153     | 152      | 150    | 141    | 133    | 134    | 134    | 132    | 137       | 141     | 142      | 145      |
|   | 8                                  | 9       | 9        | 9      | 9      | 9      | 9      | 8      | 8      | 8         | 8       | 8        | 8        |
| <b>Engraving, Steel and Copper Plate, including Plate Printing.</b> |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 369                                | 388     | 375      | 361    | 364    | 359    | 371    | 349    | 339    | 352       | 360     | 369      | 422      |
| Females, . . . . .  | 230                                | 232     | 229      | 228    | 231    | 228    | 238    | 223    | 217    | 220       | 228     | 229      | 247      |
|   | 139                                | 156     | 146      | 133    | 133    | 131    | 133    | 126    | 122    | 132       | 132     | 140      | 175      |
| <b>Envelopes.</b>   |                                    |         |          |        |        |        |        |        |        |           |         |          |          |
| Males, . . . . .  | 1,961                              | 1,986   | 1,941    | 1,932  | 1,947  | 2,009  | 1,867  | 1,940  | 1,828  | 1,863     | 2,068   | 2,034    | 2,142    |
| Females, . . . . .  | 669                                | 678     | 668      | 670    | 666    | 686    | 646    | 678    | 637    | 646       | 604     | 675      | 707      |
|   | 1,292                              | 1,248   | 1,273    | 1,312  | 1,281  | 1,323  | 1,221  | 1,262  | 1,185  | 1,217     | 1,304   | 1,359    | 1,443    |

|   |  |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Fancy Articles, not elsewhere Specified.</b> |  | 771    | 799    | 688    | 611    | 551    | 677    | 698    | 756    | 794    | 944    | 881    | 838    | 991    |
| Males, . . . . .                                |  | 372    | 381    | 365    | 337    | 334    | 350    | 356    | 352    | 346    | 359    | 404    | 416    | 451    |
| Females, . . . . .                              |  | 399    | 418    | 293    | 254    | 227    | 327    | 342    | 404    | 448    | 585    | 477    | 499    | 540    |
| <b>Felt Goods.</b>                              |  | 779    | 768    | 766    | 717    | 745    | 761    | 719    | 689    | 714    | 833    | 880    | 891    | 899    |
| Males, . . . . .                                |  | 657    | 646    | 637    | 604    | 629    | 648    | 607    | 532    | 596    | 696    | 735    | 764    | 761    |
| Females, . . . . .                              |  | 123    | 117    | 119    | 113    | 114    | 113    | 112    | 107    | 118    | 137    | 145    | 127    | 131    |
| <b>Firearms.</b>                                |  | 9,391  | 1,581  | 1,551  | 1,612  | 1,665  | 1,819  | 2,559  | 2,751  | 2,545  | 2,899  | 3,049  | 3,178  | 3,485  |
| Males, . . . . .                                |  | 2,377  | 1,574  | 1,541  | 1,601  | 1,649  | 1,803  | 2,544  | 2,735  | 2,531  | 2,876  | 3,034  | 3,161  | 3,467  |
| Females, . . . . .                              |  | 14     | 7      | 10     | 11     | 14     | 16     | 15     | 16     | 14     | 16     | 15     | 17     | 16     |
| <b>Flavoring Extracts.</b>                      |  | 112    | 99     | 100    | 108    | 116    | 123    | 123    | 123    | 121    | 106    | 110    | 107    | 111    |
| Males, . . . . .                                |  | 47     | 43     | 43     | 44     | 48     | 50     | 48     | 49     | 49     | 44     | 45     | 46     | 49     |
| Females, . . . . .                              |  | 65     | 56     | 57     | 59     | 67     | 73     | 75     | 74     | 72     | 62     | 65     | 61     | 62     |
| <b>Flour-Mill and Gristmill Products.</b>       |  | 127    | 126    | 128    | 128    | 126    | 126    | 126    | 126    | 126    | 127    | 127    | 128    | 128    |
| Males, . . . . .                                |  | 127    | 126    | 128    | 128    | 126    | 126    | 126    | 126    | 126    | 127    | 127    | 128    | 128    |
| Females, . . . . .                              |  | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| <b>Food Preparations.</b>                       |  | 419    | 495    | 644    | 471    | 453    | 577    | 551    | 537    | 560    | 554    | 587    | 593    | 464    |
| Males, . . . . .                                |  | 323    | 374    | 398    | 346    | 330    | 295    | 276    | 278    | 287    | 303    | 305    | 309    | 351    |
| Females, . . . . .                              |  | 90     | 121    | 146    | 125    | 108    | 82     | 75     | 79     | 73     | 81     | 82     | 84     | 113    |
| <b>Foundry and Machine-Shop Products.</b>       |  | 39,535 | 38,513 | 33,351 | 34,500 | 34,943 | 36,598 | 37,986 | 39,519 | 40,316 | 41,680 | 42,363 | 43,556 | 45,798 |
| Males, . . . . .                                |  | 38,029 | 32,068 | 32,579 | 33,989 | 34,425 | 36,060 | 37,354 | 38,540 | 39,740 | 41,016 | 41,774 | 42,950 | 45,199 |
| Females, . . . . .                              |  | 556    | 566    | 502    | 511    | 517    | 538    | 561    | 570    | 576    | 574    | 589    | 606    | 599    |



TABLE III. WAGE-EARNERS — Continued.

[illegible]

|   |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Glass Cutting, Staining, and Ornamenting.                 | 189   | 171   | 165   | 188   | 195   | 194   | 176   | 168   | 171   | 190   | 211   | 210   | 213   |
| Males, . . . . .  | 182   | 165   | 159   | 185   | 188   | 187   | 160   | 162   | 167   | 193   | 204   | 203   | 206   |
| Females, . . . . .  | 7     | 6     | 6     | 7     | 7     | 7     | 7     | 6     | 4     | 6     | 7     | 7     | 7     |
| Glue.   | 568   | 580   | 609   | 608   | 619   | 611   | 489   | 494   | 413   | 553   | 619   | 624   | 609   |
| Males, . . . . .  | 433   | 455   | 465   | 450   | 468   | 464   | 399   | 343   | 341   | 436   | 466   | 461   | 462   |
| Females, . . . . .  | 129   | 125   | 144   | 158   | 151   | 147   | 90    | 82    | 72    | 107   | 153   | 163   | 147   |
| Gold and Silver, Leaf and Foil.                           | 107   | 113   | 111   | 107   | 106   | 100   | 100   | 99    | 98    | 108   | 109   | 116   | 120   |
| Males, . . . . .  | 53    | 56    | 56    | 55    | 54    | 50    | 51    | 51    | 49    | 50    | 53    | 56    | 56    |
| Females, . . . . .  | 54    | 56    | 55    | 52    | 52    | 50    | 49    | 48    | 49    | 52    | 56    | 60    | 64    |
| Gold and Silver, Reducing and Refining, not from the Ore. | 18    | 18    | 18    | 17    | 17    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    |
| Males, . . . . .  | 18    | 18    | 18    | 17    | 17    | 18    | 18    | 18    | 18    | 18    | 18    | 18    | 18    |
| Females, . . . . .  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Grease and Tallow.  | 615   | 610   | 608   | 610   | 598   | 601   | 618   | 614   | 618   | 613   | 618   | 606   | 616   |
| Males, . . . . .  | 608   | 606   | 604   | 606   | 594   | 596   | 613   | 609   | 608   | 608   | 611   | 621   | 611   |
| Females, . . . . .  | 5     | 4     | 4     | 4     | 4     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |
| Hand Stamps and Stencils and Brands.                      | 96    | 93    | 91    | 96    | 96    | 96    | 93    | 96    | 98    | 98    | 100   | 103   | 103   |
| Males, . . . . .  | 85    | 81    | 80    | 85    | 85    | 86    | 83    | 86    | 88    | 88    | 90    | 93    | 92    |
| Females, . . . . .  | 11    | 12    | 11    | 11    | 11    | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 11    |
| Hardware.   | 1,308 | 1,364 | 1,354 | 1,340 | 1,339 | 1,328 | 1,386 | 1,370 | 1,392 | 1,317 | 1,398 | 1,478 | 1,495 |
| Males, . . . . .  | 1,318 | 1,329 | 1,177 | 1,168 | 1,156 | 1,153 | 1,111 | 1,191 | 1,208 | 1,215 | 1,288 | 1,369 | 1,373 |
| Females, . . . . .  | 90    | 77    | 77    | 82    | 83    | 75    | 75    | 79    | 84    | 102   | 110   | 119   | 122   |



|  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Instruments, Professional and Scientific.  | 576   | 562   | 656   | 610   | 609   | 676   | 477   | 535   | 553   | 554   | 552   | 563   | 491   |
| Males, . . . . .   | 511   | 519   | 564   | 560   | 588   | 592   | 438   | 476   | 468   | 481   | 482   | 493   | 459   |
| Females, . . . . .   | 65    | 63    | 72    | 80    | 81    | 84    | 39    | 59    | 70    | 73    | 70    | 70    | 32    |
| Iron and Steel, Steel Works and Rolling Mills.   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .   | 2,778 | 2,111 | 2,340 | 2,448 | 2,518 | 2,608 | 2,678 | 2,868 | 2,081 | 2,071 | 2,063 | 2,106 | 2,337 |
| Females, . . . . .   | 2,698 | 2,043 | 2,269 | 2,376 | 2,438 | 2,524 | 2,596 | 2,771 | 2,990 | 2,974 | 2,978 | 3,107 | 3,220 |
|  | 87    | 63    | 71    | 72    | 80    | 84    | 92    | 97    | 101   | 97    | 90    | 89    | 107   |
| Iron and Steel, Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills.                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .   | 1,690 | 1,241 | 1,363 | 1,333 | 1,196 | 1,196 | 1,307 | 1,110 | 1,316 | 1,235 | 1,239 | 1,247 | 1,347 |
| Females, . . . . .   | 897   | 922   | 935   | 923   | 902   | 888   | 881   | 791   | 884   | 896   | 902   | 905   | 930   |
|  | 323   | 319   | 327   | 299   | 293   | 307   | 336   | 319   | 332   | 339   | 337   | 344   | 327   |
| Iron and Steel Forgings.   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .   | 269   | 690   | 623   | 710   | 701   | 723   | 835   | 943   | 979   | 972   | 981   | 1,038 | 1,070 |
| Females, . . . . .   | 833   | 665   | 657   | 636   | 677   | 668   | 808   | 919   | 960   | 943   | 932   | 1,006 | 1,035 |
|  | 27    | 25    | 25    | 24    | 24    | 24    | 27    | 29    | 29    | 29    | 29    | 27    | 35    |
| Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills. |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .   | 1,355 | 1,240 | 1,243 | 1,275 | 1,315 | 1,316 | 1,301 | 1,311 | 1,363 | 1,415 | 1,461 | 1,494 | 1,540 |
| Females, . . . . .   | 1,019 | 944   | 932   | 971   | 996   | 1,001 | 1,001 | 1,003 | 1,036 | 1,044 | 1,072 | 1,104 | 1,125 |
|  | 336   | 296   | 296   | 304   | 319   | 315   | 300   | 308   | 327   | 371   | 389   | 390   | 415   |
| Jewelry.   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .   | 5,177 | 5,304 | 4,780 | 4,547 | 4,519 | 4,738 | 4,751 | 4,654 | 4,899 | 5,488 | 6,197 | 6,196 | 6,366 |
| Females, . . . . .   | 3,480 | 3,574 | 3,240 | 3,073 | 3,064 | 3,218 | 3,246 | 3,139 | 3,304 | 3,685 | 4,097 | 4,076 | 4,140 |
|  | 1,697 | 1,630 | 1,540 | 1,474 | 1,465 | 1,514 | 1,505 | 1,525 | 1,588 | 1,903 | 2,100 | 2,119 | 2,116 |

TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| Industries and Sex.                            | Average<br>Number<br>Em-<br>ployed | January | Febru-<br>ary | March | April | May   | June  | July  | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|--|------------------------------------|---------|---------------|-------|-------|-------|-------|-------|--------|----------------|---------|---------------|---------------|
| <b>Jewelry and Instrument Cases.</b>           |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 340                                | 304     | 309           | 337   | 344   | 339   | 344   | 339   | 333    | 347            | 366     | 374           | 373           |
| Females, . . . . .                             | 110                                | 96      | 103           | 109   | 108   | 107   | 105   | 105   | 111    | 113            | 121     | 123           | 124           |
|  | 230                                | 206     | 206           | 228   | 233   | 232   | 236   | 224   | 221    | 234            | 244     | 251           | 249           |
| <b>Labels and Tags.</b>                        |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 26                                 | 27      | 27            | 26    | 26    | 29    | 28    | 29    | 25     | 26             | 26      | 26            | 26            |
| Females, . . . . .                             | 16                                 | 17      | 17            | 16    | 16    | 17    | 17    | 18    | 17     | 16             | 16      | 16            | 16            |
|  | 10                                 | 10      | 10            | 10    | 10    | 12    | 11    | 11    | 8      | 10             | 10      | 10            | 10            |
| <b>Lamps and Reflectors.</b>                   |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 239                                | 244     | 255           | 299   | 299   | 300   | 278   | 296   | 281    | 287            | 288     | 307           | 325           |
| Females, . . . . .                             | 257                                | 222     | 224           | 266   | 262   | 265   | 252   | 266   | 251    | 250            | 249     | 270           | 235           |
|  | 32                                 | 19      | 21            | 33    | 37    | 35    | 26    | 30    | 30     | 37             | 39      | 37            | 40            |
| <b>Laths.</b>                                  |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 310                                | 346     | 325           | 797   | 795   | 745   | 766   | 821   | 821    | 773            | 783     | 827           | 894           |
| Females, . . . . .                             | 799                                | 833     | 831           | 790   | 788   | 736   | 756   | 800   | 805    | 765            | 780     | 819           | 882           |
|  | 11                                 | 13      | 14            | 7     | 7     | 7     | 10    | 21    | 16     | 8              | 8       | 8             | 12            |
| <b>Leather Goods, not elsewhere Specified.</b> |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 353                                | 297     | 330           | 340   | 374   | 359   | 409   | 370   | 349    | 324            | 449     | 437           | 474           |
| Females, . . . . .                             | 191                                | 187     | 175           | 180   | 192   | 181   | 201   | 194   | 184    | 195            | 215     | 215           | 212           |
|  | 192                                | 130     | 155           | 160   | 182   | 176   | 208   | 176   | 165    | 189            | 224     | 272           | 262           |
| <b>Leather, Tanned, Curried, and Finished.</b> |                                    |         |               |       |       |       |       |       |        |                |         |               |               |
| Males, . . . . .                               | 10,125                             | 9,345   | 9,394         | 9,838 | 9,339 | 9,318 | 9,469 | 9,953 | 10,464 | 10,693         | 10,818  | 10,990        | 11,536        |
| Females, . . . . .                             | 10,081                             | 9,695   | 9,765         | 9,728 | 9,317 | 9,118 | 9,377 | 9,536 | 10,348 | 10,539         | 10,671  | 10,899        | 11,372        |
|  | 124                                | 147     | 139           | 110   | 122   | 94    | 92    | 97    | 106    | 124            | 147     | 151           | 164           |

[illegible]







TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.   | Average<br>Number<br>Em-<br>ployed | January | February | March  | April  | May    | June   | July   | August | Septem-<br>ber | October | Novem-<br>ber | Decem-<br>ber |
|---|------------------------------------|---------|----------|--------|--------|--------|--------|--------|--------|----------------|---------|---------------|---------------|
| <b>Paper and Wood Pulp.</b>   |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 13,447                             | 13,065  | 13,418   | 13,859 | 15,072 | 13,519 | 12,977 | 12,715 | 11,553 | 12,783         | 13,340  | 13,505        | 13,787        |
| Females, . . . . .  | 9,273                              | 9,195   | 9,366    | 9,249  | 9,187  | 9,370  | 9,150  | 9,046  | 8,998  | 9,076          | 9,408   | 9,525         | 9,701         |
|   | 3,874                              | 3,870   | 4,052    | 4,010  | 3,585  | 3,943  | 3,827  | 3,669  | 3,555  | 3,657          | 3,932   | 3,980         | 4,086         |
| <b>Paper Goods, not elsewhere Specified.</b>                            |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 3,742                              | 3,603   | 3,589    | 3,515  | 3,548  | 3,647  | 3,658  | 3,638  | 3,713  | 3,903          | 3,943   | 4,042         | 4,171         |
| Females, . . . . .  | 2,126                              | 2,070   | 2,058    | 2,073  | 2,072  | 2,089  | 2,093  | 2,051  | 2,095  | 2,148          | 2,218   | 2,258         | 2,398         |
|   | 1,616                              | 1,533   | 1,471    | 1,442  | 1,476  | 1,558  | 1,563  | 1,577  | 1,618  | 1,814          | 1,725   | 1,784         | 1,873         |
| <b>Patent Medicines and Compounds, and<br/>Druggists' Preparations.</b> |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 1,353                              | 1,162   | 1,216    | 1,286  | 1,303  | 1,310  | 1,295  | 1,243  | 1,304  | 1,364          | 1,509   | 1,635         | 1,669         |
| Females, . . . . .  | 635                                | 582     | 604      | 626    | 631    | 619    | 611    | 594    | 601    | 623            | 661     | 697           | 674           |
|   | 718                                | 590     | 612      | 660    | 672    | 691    | 654    | 649    | 703    | 741            | 848     | 938           | 885           |
| <b>Photographic Apparatus and Materials.</b>                            |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 26                                 | 23      | 24       | 27     | 29     | 43     | 42     | 42     | 37     | 29             | 20      | 30            | 28            |
| Females, . . . . .  | 11                                 | 10      | 10       | 11     | 11     | 14     | 13     | 12     | 11     | 9              | 9       | 10            | 8             |
| <b>Photo-Engraving.</b>   |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 441                                | 448     | 449      | 456    | 463    | 467    | 464    | 458    | 483    | 484            | 481     | 481           | 487           |
| Females, . . . . .  | 408                                | 406     | 412      | 417    | 422    | 416    | 414    | 394    | 386    | 388            | 385     | 386           | 389           |
|   | 28                                 | 37      | 36       | 39     | 41     | 41     | 40     | 38     | 37     | 36             | 36      | 36            | 38            |
| <b>Plumbers' Supplies.</b>  |                                    |         |          |        |        |        |        |        |        |                |         |               |               |
| Males, . . . . .  | 608                                | 635     | 619      | 666    | 633    | 640    | 634    | 608    | 578    | 616            | 644     | 669           | 578           |
| Females, . . . . .  | 567                                | 592     | 604      | 619    | 605    | 589    | 575    | 566    | 542    | 518            | 508     | 534           | 546           |
|   | 41                                 | 43      | 45       | 46     | 48     | 51     | 49     | 42     | 36     | 37             | 36      | 38            | 32            |



TABLE III. WAGE-EARNERS — Continued.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.  |       | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--|-------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| Average Number Em-<br>ployed                               |       |         |          |       |       |       |       |       |        |           |         |          |          |
| <b>Screws, Machine.</b>                                    |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 407   | 426     | 437      | 448   | 863   | 567   | 361   | 283   | 393    | 376       | 409     | 441      | 438      |
| Females, . . . . .   | 365   | 377     | 374      | 378   | 325   | 328   | 331   | 349   | 356    | 339       | 370     | 403      | 426      |
|  | 42    | 48      | 63       | 70    | 28    | 29    | 30    | 34    | 37     | 37        | 39      | 38       | 46       |
| <b>Shipbuilding, Wooden, including Boat-<br/>building.</b> |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 509   | 379     | 393      | 558   | 815   | 666   | 477   | 568   | 556    | 430       | 403     | 403      | 433      |
| Females, . . . . .   | 509   | 379     | 393      | 552   | 815   | 666   | 477   | 568   | 556    | 430       | 403     | 403      | 433      |
|  | -     | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Shirts.</b>   |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 1,687 | 1,793   | 1,840    | 1,845 | 1,737 | 1,685 | 1,633 | 1,594 | 1,533  | 1,654     | 1,716   | 1,739    | 1,774    |
| Females, . . . . .   | 384   | 446     | 444      | 438   | 365   | 330   | 360   | 359   | 311    | 378       | 383     | 393      | 393      |
|  | 1,303 | 1,347   | 1,396    | 1,407 | 1,372 | 1,295 | 1,273 | 1,205 | 1,022  | 1,276     | 1,333   | 1,346    | 1,381    |
| <b>Shoddy, Wool.</b>                                       |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 584   | 568     | 592      | 639   | 666   | 533   | 518   | 499   | 589    | 643       | 641     | 668      | 652      |
| Females, . . . . .   | 543   | 519     | 550      | 591   | 523   | 496   | 480   | 467   | 488    | 900       | 598     | 617      | 905      |
|  | 41    | 33      | 42       | 48    | 43    | 37    | 32    | 32    | 41     | 43        | 43      | 45       | 47       |
| <b>Show Cases.</b>   |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 56    | 53      | 53       | 54    | 53    | 51    | 51    | 53    | 56     | 55        | 60      | 64       | 64       |
| Females, . . . . .   | 56    | 53      | 53       | 54    | 53    | 51    | 51    | 53    | 56     | 55        | 60      | 64       | 64       |
|  | -     | -       | -        | -     | -     | -     | -     | -     | -      | -         | -       | -        | -        |
| <b>Signs and Advertising Novelties.</b>                    |       |         |          |       |       |       |       |       |        |           |         |          |          |
| Males, . . . . .   | 336   | 374     | 378      | 330   | 385   | 380   | 336   | 334   | 338    | 335       | 310     | 314      | 323      |
| Females, . . . . .   | 184   | 192     | 191      | 175   | 174   | 177   | 184   | 185   | 185    | 182       | 175     | 180      | 183      |
|  | 152   | 182     | 185      | 155   | 151   | 149   | 153   | 149   | 143    | 143       | 135     | 134      | 140      |

| Silk and Silk Goods, including Throwsters. |  | 3,600 | 2,408 | 2,863 | 2,440 | 2,088 | 2,806 | 2,851 | 2,186 | 2,586 | 2,642 | 2,883 | 4,081 | 4,074 |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Males, . . . . .                           |  | 1,126 | 1,076 | 1,081 | 1,112 | 1,141 | 1,112 | 1,041 | 1,006 | 1,114 | 1,149 | 1,190 | 1,281 | 1,287 |
| Females, . . . . .                         |  | 2,464 | 2,337 | 2,281 | 2,328 | 2,551 | 2,514 | 2,210 | 2,120 | 2,422 | 2,490 | 2,694 | 2,810 | 2,817 |
| Silverware and Plated Ware.                |  | 2,186 | 2,079 | 2,108 | 2,000 | 2,088 | 2,081 | 2,064 | 2,008 | 2,169 | 2,255 | 2,480 | 2,589 | 2,514 |
| Males, . . . . .                           |  | 1,008 | 1,300 | 1,060 | 1,248 | 1,704 | 1,907 | 1,821 | 1,742 | 1,906 | 1,938 | 2,076 | 2,147 | 2,118 |
| Females, . . . . .                         |  | 268   | 249   | 243   | 242   | 244   | 264   | 242   | 240   | 263   | 318   | 364   | 383   | 396   |
| Slaughtering and Meat Packing.             |  | 2,186 | 2,368 | 2,261 | 2,276 | 2,154 | 2,000 | 2,116 | 2,161 | 2,101 | 2,069 | 2,008 | 2,140 | 2,275 |
| Males, . . . . .                           |  | 3,166 | 3,269 | 2,241 | 2,267 | 2,117 | 2,072 | 2,094 | 2,137 | 2,080 | 2,070 | 2,072 | 2,122 | 2,245 |
| Females, . . . . .                         |  | 20    | 19    | 20    | 19    | 17    | 18    | 22    | 24    | 21    | 19    | 20    | 18    | 20    |
| Soap.                                      |  | 464   | 446   | 448   | 449   | 468   | 496   | 489   | 487   | 486   | 497   | 524   | 527   | 528   |
| Males, . . . . .                           |  | 350   | 323   | 324   | 341   | 242   | 264   | 265   | 252   | 239   | 254   | 272   | 265   | 267   |
| Females, . . . . .                         |  | 124   | 112   | 108   | 108   | 110   | 121   | 124   | 124   | 146   | 142   | 151   | 162   | 161   |
| Sporting and Athletic Goods.               |  | 1,418 | 1,465 | 1,510 | 1,476 | 1,521 | 1,478 | 1,472 | 1,451 | 1,277 | 1,322 | 1,410 | 1,410 | 1,453 |
| Males, . . . . .                           |  | 1,083 | 1,027 | 1,075 | 1,021 | 1,040 | 1,010 | 1,012 | 940   | 965   | 1,020 | 1,068 | 1,090 | 1,121 |
| Females, . . . . .                         |  | 380   | 416   | 435   | 445   | 481   | 468   | 460   | 311   | 312   | 302   | 322   | 311   | 322   |
| Springs, Steel, Car and Carriage.          |  | 36    | 36    | 36    | 36    | 36    | 36    | 37    | 36    | 36    | 36    | 37    | 39    | 39    |
| Males, . . . . .                           |  | 36    | 36    | 36    | 36    | 36    | 36    | 37    | 36    | 36    | 36    | 37    | 39    | 39    |
| Females, . . . . .                         |  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Stationary Goods, not elsewhere Specified. |  | 2,044 | 1,977 | 2,061 | 2,022 | 2,071 | 2,045 | 2,027 | 1,828 | 1,962 | 2,055 | 2,129 | 2,168 | 2,187 |
| Males, . . . . .                           |  | 898   | 894   | 896   | 882   | 915   | 912   | 897   | 826   | 892   | 894   | 912   | 920   | 923   |
| Females, . . . . .                         |  | 1,146 | 1,083 | 1,155 | 1,145 | 1,156 | 1,142 | 1,120 | 967   | 1,103 | 1,141 | 1,217 | 1,226 | 1,264 |





TABLE III. WAGE-EARNERS — Concluded.  
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Concluded.

| Industries and Sex.                |     | January | February | March | April | May | June | July | August | September | October | November | December |
|------------------------------------|-----|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| Average Number Employed            |     |         |          |       |       |     |      |      |        |           |         |          |          |
| <b>Upholstering Materials.</b>     |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 187 | 189     | 189      | 187   | 191   | 208 | 181  | 175  | 174    | 171       | 186     | 189      | 195      |
| Females, . . . . .                 | 177 | 179     | 176      | 176   | 179   | 187 | 166  | 163  | 166    | 165       | 180     | 183      | 188      |
|                                    | 10  | 10      | 11       | 13    | 15    | 16  | 15   | 12   | 8      | 6         | 6       | 6        | 7        |
| <b>Vinegar and Cider.</b>          |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 59  | 57      | 56       | 56    | 53    | 55  | 57   | 59   | 49     | 60        | 109     | 98       | 68       |
| Females, . . . . .                 | 56  | 57      | 56       | 53    | 53    | 55  | 37   | 39   | 42     | 60        | 109     | 92       | 66       |
|                                    | -   | -       | -        | -     | -     | -   | -    | -    | -      | -         | -       | -        | -        |
| <b>Waste.</b>                      |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 844 | 764     | 755      | 749   | 767   | 873 | 898  | 877  | 885    | 905       | 933     | 944      | 789      |
| Females, . . . . .                 | 580 | 472     | 493      | 489   | 505   | 602 | 615  | 625  | 638    | 664       | 681     | 682      | 491      |
|                                    | 264 | 292     | 292      | 290   | 293   | 270 | 277  | 283  | 247    | 241       | 251     | 272      | 291      |
| <b>Watch and Clock Materials.</b>  |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 168 | 177     | 175      | 173   | 167   | 168 | 167  | 167  | 186    | 164       | 176     | 174      | 179      |
| Females, . . . . .                 | 66  | 68      | 67       | 66    | 63    | 65  | 66   | 68   | 58     | 64        | 68      | 66       | 70       |
|                                    | 102 | 109     | 108      | 107   | 104   | 101 | 99   | 99   | 78     | 100       | 108     | 108      | 109      |
| <b>Whips.</b>                      |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 845 | 887     | 880      | 848   | 848   | 865 | 899  | 898  | 891    | 818       | 831     | 874      | 891      |
| Females, . . . . .                 | 908 | 615     | 607      | 612   | 613   | 615 | 606  | 585  | 579    | 594       | 597     | 624      | 664      |
|                                    | 235 | 222     | 223      | 226   | 240   | 250 | 233  | 217  | 232    | 229       | 224     | 250      | 247      |
| <b>Window Shades and Fixtures.</b> |     |         |          |       |       |     |      |      |        |           |         |          |          |
| Males, . . . . .                   | 124 | 94      | 96       | 119   | 145   | 168 | 160  | 189  | 181    | 118       | 108     | 107      | 106      |
| Females, . . . . .                 | 101 | 72      | 76       | 90    | 123   | 137 | 126  | 117  | 96     | 94        | 86      | 83       | 83       |
|                                    | 23  | 22      | 22       | 22    | 23    | 25  | 24   | 23   | 23     | 24        | 23      | 24       | 24       |

| Wire.   |   | 3,145  | 2,804  | 2,838  | 2,941  | 2,779  | 2,839  | 2,918  | 2,850  | 3,441  | 3,458  | 3,500  | 3,814  | 3,898  |
|---|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Males, . . . . .                                | . | 2,938  | 2,763  | 2,862  | 2,962  | 2,906  | 2,745  | 2,823  | 2,757  | 3,143  | 3,363  | 3,494  | 3,713  | 3,794  |
| Females, . . . . .                              | . | 76     | 74     | 79     | 81     | 81     | 94     | 96     | 93     | 99     | 96     | 96     | 102    | 104    |
| <b>Wirework, including Wire Rope and Cable.</b> |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 1,935  | 1,868  | 1,941  | 1,969  | 1,994  | 2,065  | 1,945  | 1,765  | 1,313  | 1,338  | 1,300  | 1,938  | 2,018  |
| Females, . . . . .                              | . | 350    | 351    | 351    | 351    | 366    | 379    | 369    | 297    | 317    | 330    | 346    | 373    | 398    |
| <b>Wood, Turned and Carved.</b>                 |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 1,364  | 1,391  | 1,345  | 1,408  | 1,331  | 1,340  | 1,333  | 1,337  | 1,337  | 1,305  | 1,327  | 1,336  | 1,440  |
| Females, . . . . .                              | . | 42     | 38     | 37     | 40     | 41     | 39     | 43     | 39     | 38     | 46     | 49     | 49     | 48     |
| <b>Wooden Goods.</b>                            |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 241    | 238    | 240    | 238    | 245    | 245    | 251    | 253    | 254    | 259    | 258    | 254    | 263    |
| Females, . . . . .                              | . | 13     | 17     | 23     | 20     | 7      | 2      | 11     | 17     | 15     | 13     | 2      | 2      | 21     |
| <b>Wool Scouring.</b>                           |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 738    | 637    | 708    | 645    | 680    | 738    | 764    | 677    | 780    | 770    | 838    | 874    | 908    |
| Females, . . . . .                              | . | 34     | 33     | 26     | 25     | 35     | 37     | 34     | 31     | 31     | 32     | 36     | 37     | 40     |
| <b>Woolen and Worsted Goods.</b>                |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 59,499 | 59,276 | 51,473 | 52,308 | 53,214 | 50,908 | 48,957 | 49,372 | 51,308 | 51,451 | 55,448 | 55,838 | 54,565 |
| Females, . . . . .                              | . | 21,214 | 21,317 | 20,773 | 21,443 | 21,530 | 20,283 | 19,213 | 19,626 | 20,657 | 22,018 | 22,742 | 22,730 | 23,187 |
| <b>Other Industries.</b>                        |   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Males, . . . . .                                | . | 31,641 | 29,116 | 29,645 | 30,310 | 31,380 | 31,406 | 31,808 | 30,766 | 33,139 | 30,988 | 35,566 | 36,330 | 37,065 |
| Females, . . . . .                              | . | 6,867  | 5,472  | 5,868  | 6,437  | 7,012  | 7,110  | 7,155  | 6,672  | 8,017  | 6,466  | 8,887  | 9,158  | 9,141  |



TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 18, 1915.  
BY AGE AND SEX.

| INDUSTRIES.   | 18 YEARS OF AGE<br>AND OVER |                |                | UNDER 18 YEARS<br>OF AGE |               |               | Aggre-<br>gates |
|---|-----------------------------|----------------|----------------|--------------------------|---------------|---------------|-----------------|
|   | Males                       | Fe-<br>males   | Total          | Males                    | Fe-<br>males  | Total         |                 |
| <b>THE STATE.</b>   | <b>433,498</b>              | <b>176,300</b> | <b>609,798</b> | <b>21,214</b>            | <b>22,011</b> | <b>44,225</b> | <b>653,623</b>  |
| Agricultural implements. . . .  | 425                         | -              | 425            | 6                        | -             | 6             | 431             |
| Artificial limbs. . . . .   | 22                          | 2              | 24             | 1                        | -             | 1             | 25              |
| Artificial stone products. . . .  | 330                         | -              | 330            | 1                        | -             | 1             | 331             |
| Automobiles, including bodies and<br>parts. . . . .                                       | 4,214                       | 40             | 4,254          | 81                       | -             | 81            | 4,335           |
| Awnings, tents, and sails. . . .  | 178                         | 87             | 265            | 8                        | 3             | 11            | 276             |
| Baskets, and rattan and willow-<br>ware. . . . .  | 185                         | 17             | 202            | 6                        | 2             | 8             | 210             |
| Belting, leather. . . . .   | 1,500                       | 62             | 1,562          | 80                       | 14            | 94            | 1,656           |
| Belting and hose, woven. . . .  | 163                         | 69             | 232            | 5                        | 8             | 13            | 245             |
| Billiard tables and materials. . .  | 24                          | -              | 24             | -                        | -             | -             | 24              |
| Blacking, stains, and dressings. .  | 258                         | 190            | 448            | -                        | -             | -             | 448             |
| Bookbinding and blank-book mak-<br>ing. . . . .   | 1,431                       | 1,303          | 2,733          | 126                      | 149           | 275           | 2,908           |
| Boot and shoe cut stock and find-<br>ings. . . . .  | 6,202                       | 2,471          | 8,673          | 512                      | 263           | 875           | 9,548           |
| Boots and shoes. . . . .  | 52,063                      | 26,306         | 78,371         | 2,766                    | 2,534         | 5,300         | 83,671          |
| Boots and shoes, rubber. . . . .  | 5,415                       | 4,094          | 9,509          | 222                      | 422           | 644           | 10,153          |
| Boxes, cigar. . . . .   | 81                          | 85             | 166            | 8                        | 14            | 22            | 188             |
| Boxes, fancy and paper. . . . .   | 1,473                       | 2,372          | 3,845          | 97                       | 464           | 561           | 4,406           |
| Boxes, wooden packing. . . . .  | 3,209                       | 241            | 3,450          | 106                      | 31            | 137           | 3,587           |
| Brass, bronze, and copper products. .   | 2,211                       | 81             | 2,292          | 14                       | 5             | 19            | 2,361           |
| Bread and other bakery products. .  | 5,715                       | 823            | 6,537          | 174                      | 167           | 341           | 6,878           |
| Brick and tile. . . . .   | 679                         | 15             | 694            | 21                       | 3             | 24            | 713             |
| Brooms. . . . .   | 91                          | 7              | 98             | 11                       | -             | 11            | 109             |
| Brushes. . . . .  | 653                         | 593            | 1,246          | 28                       | 52            | 80            | 1,326           |
| Butter. . . . .   | 38                          | -              | 38             | -                        | -             | -             | 38              |
| Buttons. . . . .  | 287                         | 401            | 688            | 40                       | 111           | 151           | 839             |
| Canning and preserving. . . . .   | 1,439                       | 247            | 1,736          | 28                       | 68            | 96            | 1,832           |
| Carpets and rugs, other than rag. .   | 2,595                       | 1,723          | 4,318          | 316                      | 297           | 613           | 4,931           |
| Carpets, rag. . . . .   | 81                          | 15             | 96             | 5                        | 1             | 6             | 102             |
| Carriage and sleds, children's. . .   | 1,122                       | 133            | 1,255          | 47                       | 13            | 60            | 1,315           |
| Carriages and wagons, and ma-<br>terials. . . . .   | 955                         | 1              | 956            | 3                        | -             | 3             | 969             |
| Cars and general shop construction<br>and repairs by steam railroad<br>companies. . . . . | 6,028                       | 18             | 6,046          | 74                       | -             | 74            | 6,120           |
| Chemicals. . . . .  | 2,199                       | 89             | 2,288          | 27                       | 28            | 55            | 2,343           |
| Cleansing and polishing prepara-<br>tions. . . . .  | 52                          | 15             | 67             | 5                        | 2             | 7             | 74              |
| Cloth sponging and refinishing. . .   | 43                          | -              | 43             | -                        | -             | -             | 43              |
| Clothing, men's. . . . .  | 2,608                       | 2,604          | 5,203          | 45                       | 115           | 160           | 5,463           |
| Clothing, women's. . . . .  | 1,173                       | 2,641          | 4,814          | 51                       | 290           | 341           | 5,155           |
| Coffee and spices, roasting and<br>grinding. . . . .                                      | 277                         | 179            | 456            | 5                        | 5             | 10            | 466             |
| Coffins, burial cases, and under-<br>takers' goods. . . . .                               | 295                         | 28             | 323            | 15                       | 5             | 20            | 353             |
| Combs and hairpins. . . . .   | 1,579                       | 479            | 2,058          | 177                      | 184           | 361           | 2,419           |
| Confectionery and ice cream. . . .  | 2,968                       | 4,211          | 7,179          | 109                      | 1,097         | 1,206         | 8,385           |
| Confectionery. . . . .  | 1,981                       | 4,308          | 6,289          | 102                      | 1,096         | 1,198         | 8,083           |
| Ice cream. . . . .  | 387                         | 8              | 395            | 4                        | 1             | 5             | 399             |
| Cooperage. . . . .  | 708                         | -              | 708            | 23                       | -             | 23            | 741             |
| Copper, tin, and sheet-iron prod-<br>ucts. . . . .  | 2,541                       | 82             | 2,623          | 110                      | 5             | 115           | 2,738           |
| Cordage and twine, and jute goods. .  | 3,207                       | 1,726          | 4,933          | 208                      | 278           | 486           | 5,419           |
| Corsets. . . . .  | 300                         | 1,994          | 2,294          | 14                       | 189           | 203           | 2,497           |
| Cotton goods. . . . .   | 58,256                      | 47,475         | 105,731        | 5,271                    | 5,776         | 11,047        | 116,778         |

TABLE IV. WAGE-EARNERS — Continued.  
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

| INDUSTRIES.   | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|---|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|   | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| <b>The State — Con.</b>   |                             |              |        |                          |              |       |                 |
| Cotton small wares, . . . . .   | 450                         | 516          | 966    | 79                       | 185          | 264   | 1,230           |
| Cutlery and tools, not elsewhere<br>specified, . . . . .  | 6,599                       | 705          | 7,304  | 411                      | 121          | 532   | 7,836           |
| Dental goods, . . . . .   | 28                          | 10           | 38     | 12                       | 1            | 13    | 51              |
| Dyeing and finishing textiles, . . . . .  | 10,068                      | 2,054        | 12,147 | 861                      | 241          | 1,202 | 13,349          |
| Dyestuffs and extracts, . . . . .   | 170                         | 1            | 171    | 3                        | —            | 3     | 174             |
| Electrical machinery, apparatus,<br>and supplies, . . . . .   | 15,065                      | 2,952        | 18,017 | 693                      | 1,118        | 1,811 | 19,828          |
| Electroplating, . . . . .   | 242                         | 11           | 253    | 15                       | —            | 15    | 268             |
| Enameling and japanning, . . . . .  | 90                          | 44           | 134    | 16                       | 4            | 20    | 154             |
| Engraving and die-sinking, . . . . .  | 127                         | 8            | 135    | 23                       | —            | 23    | 158             |
| Engraving, steel and copper plate,<br>including plate printing, . . . . .   | 230                         | 143          | 373    | 17                       | 27           | 44    | 417             |
| Envelopes, . . . . .  | 683                         | 1,185        | 1,818  | 51                       | 175          | 226   | 2,044           |
| Fancy articles, not elsewhere speci-<br>fied, . . . . .   | 416                         | 435          | 851    | 24                       | 107          | 131   | 982             |
| Felt goods, . . . . .   | 733                         | 121          | 854    | 19                       | 4            | 23    | 877             |
| Firearms, . . . . .   | 3,455                       | 15           | 3,470  | 83                       | —            | 83    | 3,553           |
| Flavoring extracts, . . . . .   | 48                          | 55           | 103    | 2                        | 6            | 8     | 111             |
| Flour-mill and gristmill products, . . . . .  | 150                         | —            | 150    | —                        | —            | —     | 150             |
| Food preparations, . . . . .  | 342                         | 98           | 440    | 13                       | 9            | 22    | 462             |
| Foundry and machine-shop prod-<br>ucts, . . . . .   | 44,606                      | 780          | 45,386 | 1,198                    | 54           | 1,252 | 46,638          |
| Fur goods, . . . . .  | 99                          | 108          | 207    | 2                        | 2            | 4     | 211             |
| Furnishing goods, men's, . . . . .  | 66                          | 334          | 400    | 12                       | 19           | 31    | 431             |
| Furniture, . . . . .  | 5,820                       | 661          | 6,481  | 276                      | 58           | 329   | 6,810           |
| Galvanizing, . . . . .  | 13                          | —            | 13     | —                        | —            | —     | 13              |
| Gas and electric fixtures, . . . . .  | 146                         | —            | 146    | 12                       | —            | 12    | 158             |
| Gas, illuminating and heating, . . . . .  | 2,305                       | —            | 2,305  | 8                        | —            | 8     | 2,313           |
| Glass, cutting, staining, and orna-<br>menting, . . . . .   | 199                         | 8            | 207    | 18                       | 1            | 19    | 226             |
| Glue, . . . . .   | 500                         | 138          | 638    | 1                        | 16           | 17    | 655             |
| Gold and silver, leaf and foil, . . . . .   | 51                          | 64           | 115    | 3                        | 2            | 5     | 120             |
| Gold and silver, reducing and re-<br>fining, not from the ore, . . . . .  | 18                          | —            | 18     | —                        | —            | —     | 18              |
| Grease and tallow, . . . . .  | 607                         | 5            | 612    | 1                        | —            | 1     | 613             |
| Hand stamps and stencils and<br>brands, . . . . .   | 81                          | 9            | 90     | 13                       | 1            | 14    | 104             |
| Hardware, . . . . .   | 1,242                       | 100          | 1,342  | 164                      | 20           | 184   | 1,526           |
| Hats and caps, other than felt,<br>straw, and wool, . . . . .   | 169                         | 81           | 250    | 5                        | 5            | 10    | 260             |
| Hats, fur-felt, . . . . .   | 508                         | 416          | 924    | 16                       | 21           | 37    | 961             |
| Hats, straw, . . . . .  | 798                         | 1,537        | 2,335  | 14                       | 46           | 60    | 2,395           |
| Hosiery and knit goods, . . . . .   | 3,090                       | 6,579        | 9,669  | 313                      | 942          | 1,255 | 10,924          |
| House-furnishing goods, not else-<br>where specified, . . . . .   | 416                         | 223          | 639    | 47                       | 24           | 71    | 710             |
| Ice, manufactured, . . . . .  | 43                          | —            | 43     | —                        | —            | —     | 43              |
| Instruments, professional and sci-<br>entific, . . . . .  | 445                         | 28           | 473    | 14                       | 5            | 19    | 492             |
| Iron and steel, steel works and roll-<br>ing mills, . . . . .   | 3,216                       | 106          | 3,322  | 22                       | —            | 22    | 3,344           |
| Iron and steel, bolts, nuts, washers,<br>and rivets, not made in steel<br>works or rolling mills, . . . . .                           | 904                         | 279          | 1,183  | 23                       | 47           | 70    | 1,253           |
| Iron and steel forgings, . . . . .  | 1,006                       | 27           | 1,033  | 57                       | 8            | 65    | 1,098           |
| Iron and steel, nails and spikes,<br>cut and wrought, including wire<br>nails, not made in steel works or<br>rolling mills, . . . . . | 1,074                       | 304          | 1,378  | 49                       | 86           | 135   | 1,513           |

TABLE IV. WAGE-EARNERS — Continued.  
NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

| INDUSTRIES.  | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|--|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|  | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| The State — Con.   |                             |              |        |                          |              |       |                 |
| Jewelry, . . . . .   | 3,919                       | 1,850        | 5,769  | 189                      | 252          | 441   | 6,210           |
| Jewelry and instrument cases, . . . . .  | 100                         | 217          | 317    | 26                       | 31           | 57    | 374             |
| Labels and tags, . . . . .   | 14                          | 10           | 24     | 2                        | —            | 2     | 26              |
| Lamps and reflectors, . . . . .  | 261                         | 26           | 287    | 24                       | 14           | 38    | 325             |
| Lasts, . . . . .   | 844                         | 12           | 856    | 46                       | —            | 46    | 902             |
| Leather goods, not elsewhere speci-<br>fied, . . . . .                               | 195                         | 236          | 431    | 17                       | 25           | 42    | 478             |
| Leather, tanned, curried, and fin-<br>ished, . . . . .                               | 11,245                      | 154          | 11,399 | 165                      | 17           | 182   | 11,581          |
| Lime, . . . . .  | 394                         | —            | 394    | 4                        | —            | 4     | 398             |
| Linon goods, . . . . .   | 514                         | 590          | 1,104  | 156                      | 192          | 348   | 1,452           |
| Liquors, distilled, . . . . .  | 119                         | —            | 119    | —                        | —            | —     | 119             |
| Liquors, malt, . . . . .   | 1,999                       | 12           | 2,011  | —                        | —            | —     | 2,011           |
| Lithographing, . . . . .   | 830                         | 268          | 1,098  | 87                       | 48           | 135   | 1,222           |
| Looking-glass and picture frames, . . . . .  | 124                         | —            | 124    | 10                       | —            | 10    | 144             |
| Lumber and timber products, . . . . .  | 981                         | —            | 981    | 11                       | —            | 11    | 942             |
| Lumber, planing-mill products, . . . . .   | 2,885                       | 3            | 2,888  | 58                       | —            | 58    | 2,946           |
| Marble and stone work, . . . . .   | 2,228                       | —            | 2,228  | 26                       | —            | 26    | 2,254           |
| Mattresses and spring beds, . . . . .  | 497                         | 164          | 661    | 22                       | 14           | 37    | 698             |
| Millinery and lace goods, . . . . .  | 189                         | 1,212        | 1,401  | 17                       | 194          | 211   | 1,612           |
| Mineral and soda waters, . . . . .   | 242                         | 7            | 250    | 7                        | —            | 7     | 257             |
| Mirrors, . . . . .   | 125                         | —            | 125    | 14                       | —            | 14    | 139             |
| Models and patterns, not including<br>paper patterns, . . . . .                      | 212                         | 1            | 213    | 16                       | 1            | 17    | 230             |
| Monuments and tombstones, . . . . .  | 1,127                       | —            | 1,127  | 22                       | —            | 22    | 1,159           |
| Mucilage and paste, . . . . .  | 84                          | 12           | 97     | 1                        | 2            | 3     | 100             |
| Musical instruments and materials,<br>not specified, . . . . .                       | 163                         | 34           | 197    | 14                       | 7            | 21    | 218             |
| Musical instruments, pianos and<br>organs, and materials, . . . . .                  | 3,440                       | 219          | 3,659  | 226                      | 42           | 268   | 3,928           |
| Oil, not elsewhere specified, . . . . .  | 259                         | 11           | 270    | 1                        | 1            | 2     | 272             |
| Paints and varnishes, . . . . .  | 480                         | 21           | 511    | 15                       | 4            | 19    | 530             |
| Paper and wood pulp, . . . . .   | 9,652                       | 3,850        | 12,502 | 56                       | 150          | 206   | 12,708          |
| Paper goods, not elsewhere speci-<br>fied, . . . . .                                 | 2,122                       | 1,552        | 3,674  | 161                      | 222          | 483   | 4,157           |
| Patent medicines and compounds<br>and druggists' preparations, . . . . .             | 644                         | 812          | 1,457  | 46                       | 100          | 146   | 1,608           |
| Photographic apparatus and mate-<br>rials, . . . . .                                 | 20                          | 6            | 26     | —                        | 2            | 2     | 26              |
| Photo-engraving, . . . . .   | 262                         | 27           | 289    | 24                       | 1            | 25    | 424             |
| Plumbers' supplies, . . . . .  | 520                         | 27           | 557    | 10                       | 2            | 12    | 569             |
| Pocketbooks, . . . . .   | 95                          | 216          | 311    | 9                        | 19           | 28    | 329             |
| Pottery, . . . . .   | 123                         | 16           | 154    | 11                       | —            | 11    | 165             |
| Printing and publishing, . . . . .   | 7,496                       | 1,998        | 9,494  | 639                      | 122          | 662   | 10,156          |
| Refrigerators, . . . . .   | 100                         | —            | 100    | 4                        | —            | 4     | 104             |
| Rubber goods, not elsewhere speci-<br>fied, . . . . .                                | 5,016                       | 672          | 5,688  | 152                      | 101          | 253   | 5,941           |
| Saddlery and harness, . . . . .  | 161                         | 3            | 164    | —                        | —            | —     | 164             |
| Sausage, not made in slaughtering<br>and meat-packing establish-<br>ments, . . . . . | 227                         | 2            | 229    | 10                       | 1            | 11    | 300             |
| Screws, machine, . . . . .   | 357                         | 22           | 379    | 81                       | 35           | 116   | 496             |
| Shipbuilding, wooden, including<br>boat building, . . . . .                          | 422                         | —            | 422    | 4                        | —            | 4     | 426             |
| Shirts, . . . . .  | 276                         | 1,292        | 1,609  | 15                       | 101          | 116   | 1,725           |
| Shoddy, wool, . . . . .  | 522                         | 45           | 627    | —                        | —            | —     | 627             |
| Show cases, . . . . .  | 64                          | —            | 64     | —                        | —            | —     | 64              |
| Signs and advertising novelties, . . . . .   | 187                         | 165          | 222    | 10                       | 2            | 12    | 264             |

TABLE IV. WAGE-EARNERS — Concluded.  
NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Concluded.

| INDUSTRIES.   | 18 YEARS OF AGE<br>AND OVER |              |        | UNDER 18 YEARS<br>OF AGE |              |       | Aggre-<br>gates |
|---|-----------------------------|--------------|--------|--------------------------|--------------|-------|-----------------|
|   | Males                       | Fe-<br>males | Total  | Males                    | Fe-<br>males | Total |                 |
| <b>The State — Con.</b>   |                             |              |        |                          |              |       |                 |
| Silk and silk goods, including<br>throwsters, . . . . .                     | 1,128                       | 2,540        | 3,668  | 140                      | 242          | 482   | 4,150           |
| Silverware and plated ware, . . . . .                                       | 3,001                       | 872          | 3,873  | 102                      | 42           | 144   | 2,517           |
| Slaughtering and meat packing, . . . . .                                    | 3,355                       | 17           | 3,372  | 62                       | 4            | 66    | 3,438           |
| Soap, . . . . .   | 373                         | 117          | 490    | 11                       | 46           | 57    | 547             |
| Sporting and athletic goods, . . . . .                                      | 1,085                       | 267          | 1,352  | 66                       | 42           | 108   | 1,410           |
| Springs, steel, car and carriage, . . . . .                                 | 38                          | —            | 38     | —                        | —            | —     | 38              |
| Stationery goods, not elsewhere<br>specified, . . . . .                     | 861                         | 1,088        | 1,899  | 70                       | 211          | 281   | 2,180           |
| Statuary and art goods, . . . . .   | 96                          | 1            | 99     | 2                        | —            | 2     | 101             |
| Steam fittings and steam and hot-<br>water heating apparatus, . . . . .     | 3,971                       | 175          | 4,146  | 53                       | 15           | 68    | 4,214           |
| Steam packing, . . . . .  | 63                          | —            | 63     | 4                        | —            | 4     | 67              |
| Stereotyping and electrotyping, . . . . .                                   | 224                         | 16           | 240    | 20                       | —            | 20    | 260             |
| Stoves and hot-air furnaces, except<br>gas and oil stoves, . . . . .        | 1,617                       | 3            | 1,620  | 21                       | —            | 21    | 1,641           |
| Structural ironwork, not made in<br>steel works or rolling mills, . . . . . | 1,371                       | —            | 1,371  | 22                       | —            | 22    | 1,393           |
| Surgical appliances, . . . . .  | 170                         | 72           | 242    | 11                       | 13           | 24    | 266             |
| Suspenders, garters, and elastic<br>woven goods, . . . . .                  | 1,068                       | 1,775        | 2,843  | 56                       | 233          | 289   | 3,132           |
| Tobacco manufactures, . . . . .   | 2,332                       | 929          | 3,261  | 50                       | 40           | 90    | 3,351           |
| Toys and games, . . . . .   | 583                         | 306          | 889    | 93                       | 74           | 167   | 1,056           |
| Trunks and valises, . . . . .   | 233                         | 55           | 288    | 19                       | 14           | 33    | 326             |
| Type founding and printing mate-<br>rials, . . . . .                        | 76                          | 19           | 95     | 1                        | —            | 1     | 96              |
| Upholstering materials, . . . . .   | 174                         | 7            | 181    | 5                        | 1            | 6     | 187             |
| Vinegar and cider, . . . . .  | 74                          | —            | 74     | 2                        | —            | 2     | 76              |
| Waste, . . . . .  | 696                         | 254          | 950    | 1                        | 8            | 9     | 959             |
| Watch and clock materials, . . . . .  | 60                          | 97           | 157    | 8                        | 7            | 15    | 172             |
| Whips, . . . . .  | 629                         | 251          | 880    | 21                       | 9            | 30    | 910             |
| Window shades and fixtures, . . . . .                                       | 76                          | 7            | 83     | 5                        | 1            | 6     | 89              |
| Wire, . . . . .   | 3,371                       | 92           | 3,463  | 65                       | 8            | 73    | 4,036           |
| Wirework, including wire rope and<br>cable, . . . . .                       | 1,567                       | 361          | 1,928  | 106                      | 44           | 150   | 2,078           |
| Wood, turned and carved, . . . . .  | 1,376                       | 50           | 1,426  | 120                      | 7            | 127   | 1,553           |
| Wooden goods, . . . . .   | 218                         | 21           | 239    | 12                       | —            | 12    | 252             |
| Wool scouring, . . . . .  | 865                         | 25           | 890    | 4                        | 4            | 8     | 908             |
| Woolen and worsted goods, . . . . .   | 21,355                      | 19,837       | 41,192 | 2,296                    | 2,880        | 5,176 | 46,368          |
| All other industries, . . . . .   | 27,211                      | 6,950        | 34,161 | 613                      | 967          | 1,580 | 35,741          |







| Boot and Shoe Out Stock and Findings.  |        |    |     |     |     |       |       |       |       |       |       |       |       |
|--|--------|----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| Adults (18 years of age and over):     |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 6,505  | 3  | 23  | 49  | 175 | 277   | 320   | 604   | 600   | 450   | 815   | 780   | 479   |
| Females, . . . . .                     | 2,769  | 1  | 15  | 131 | 250 | 523   | 587   | 427   | 315   | 217   | 94    | 109   | 54    |
| Young persons (under 18 years of age), | 842    | 7  | 33  | 87  | 175 | 265   | 161   | 60    | 34    | 8     | 3     | 7     | 1     |
| Boots and Shoes.                       |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 57,470 | -  | 19  | 54  | 242 | 886   | 1,304 | 1,579 | 2,764 | 3,016 | 2,740 | 4,304 | 3,504 |
| Females, . . . . .                     | 28,311 | 2  | 63  | 168 | 552 | 1,458 | 2,220 | 2,903 | 3,807 | 3,668 | 2,664 | 2,868 | 2,117 |
| Young persons (under 18 years of age), | 5,867  | 12 | 167 | 487 | 964 | 1,351 | 1,003 | 620   | 662   | 245   | 126   | 129   | 43    |
| Boots and Shoes, Rubber.               |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 5,424  | -  | 5   | 3   | 25  | 62    | 96    | 517   | 923   | 619   | 631   | 481   | 280   |
| Females, . . . . .                     | 4,112  | -  | 2   | 29  | 42  | 149   | 308   | 553   | 799   | 1,088 | 489   | 367   | 113   |
| Young persons (under 18 years of age), | 646    | -  | 15  | 72  | 90  | 135   | 128   | 71    | 53    | 53    | 22    | 7     | -     |
| Boses, Cigar.                          |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 88     | -  | -   | 5   | 3   | 2     | 2     | 2     | 3     | -     | 3     | 3     | 1     |
| Females, . . . . .                     | 84     | -  | 1   | 4   | 12  | 14    | 25    | 8     | 9     | 5     | 1     | 2     | -     |
| Young persons (under 18 years of age), | 14     | -  | 2   | 1   | 5   | 5     | 1     | -     | -     | -     | -     | -     | -     |
| Boses, Fancy and Paper.                |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Adults (18 years of age and over):     |        |    |     |     |     |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 1,537  | -  | 4   | 12  | 19  | 42    | 65    | 113   | 137   | 118   | 241   | 122   | 124   |
| Females, . . . . .                     | 2,501  | 2  | 6   | 45  | 184 | 304   | 362   | 415   | 349   | 284   | 192   | 158   | 80    |
| Young persons (under 18 years of age), | 567    | 2  | 27  | 143 | 141 | 95    | 68    | 48    | 22    | 14    | 3     | 4     | -     |





|  |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|--------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Boot and Shoe Out Stock and Findings.  | 10,116 | 8  | 51  | 331 | 474   | 963   | 995   | 807   | 943   | 535   | 780   | 479   | 644   | 617   | 509   | 240   | 140   | 189   |
| Adults (18 years of age and over):     |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 6,505  | -  | 3   | 23  | 49    | 175   | 277   | 320   | 604   | 600   | 450   | 665   | 609   | 600   | 355   | 237   | 140   | 125   |
| Females, . . . . .                     | 2,760  | 1  | 15  | 121 | 250   | 523   | 557   | 437   | 315   | 217   | 94    | 109   | 24    | 17    | 7     | 3     | -     | 4     |
| Young persons (under 18 years of age), | 842    | 7  | 33  | 87  | 175   | 285   | 161   | 60    | 34    | 8     | 3     | 7     | 1     | -     | -     | -     | -     | -     |
| Boots and Shoes.                       | 21,648 | 14 | 249 | 709 | 1,753 | 3,704 | 4,587 | 5,108 | 7,353 | 6,990 | 5,639 | 7,301 | 6,004 | 5,016 | 7,554 | 7,840 | 4,311 | 6,094 |
| Adults (18 years of age and over):     |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 57,470 | -  | 19  | 54  | 242   | 895   | 1,304 | 1,579 | 2,764 | 3,016 | 2,740 | 3,344 | 3,204 | 5,237 | 6,360 | 7,037 | 4,053 | 5,985 |
| Females, . . . . .                     | 28,311 | 2  | 63  | 163 | 552   | 1,458 | 2,220 | 2,903 | 3,807 | 3,658 | 2,664 | 2,868 | 2,117 | 1,480 | 1,505 | 1,355 | 800   | 446   |
| Young persons (under 18 years of age), | 5,867  | 12 | 167 | 457 | 964   | 1,351 | 1,003 | 620   | 662   | 249   | 126   | 129   | 43    | 32    | 9     | 3     | 3     | 1     |
| Boots and Shoes, Rubber.               | 10,188 | -  | 17  | 106 | 135   | 309   | 468   | 780   | 1,369 | 2,081 | 1,180 | 1,005 | 654   | 351   | 438   | 579   | 394   | 158   |
| Adults (18 years of age and over):     |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 5,424  | -  | 5   | 3   | 25    | 63    | 96    | 517   | 923   | 619   | 631   | 481   | 280   | 445   | 553   | 371   | 201   | 152   |
| Females, . . . . .                     | 4,112  | -  | 2   | 20  | 42    | 149   | 308   | 553   | 799   | 1,068 | 480   | 367   | 153   | 49    | 40    | 26    | 13    | 8     |
| Young persons (under 18 years of age), | 646    | -  | 15  | 72  | 90    | 135   | 133   | 71    | 53    | 53    | 22    | 7     | -     | 2     | 3     | -     | -     | -     |
| Bones, Oligar.                         | 186    | -  | 3   | 10  | 30    | 51    | 58    | 10    | 19    | 5     | 4     | 5     | 1     | 10    | 17    | 39    | 5     | 3     |
| Adults (18 years of age and over):     |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 88     | -  | -   | 5   | 3     | 2     | 2     | 2     | 3     | -     | 3     | 3     | 1     | 8     | 17    | 28    | 5     | 4     |
| Females, . . . . .                     | 84     | -  | 1   | 4   | 12    | 14    | 25    | 8     | 0     | 5     | 1     | 2     | -     | 2     | 1     | -     | -     | -     |
| Young persons (under 18 years of age), | 14     | -  | 2   | 1   | 5     | 5     | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Bones, Fancy and Paper.                | 4,606  | 4  | 35  | 198 | 537   | 418   | 478   | 533   | 454   | 435   | 315   | 403   | 218   | 184   | 198   | 133   | 21    | 39    |
| Adults (18 years of age and over):     |        |    |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Males, . . . . .                       | 1,537  | -  | 4   | 12  | 19    | 42    | 65    | 113   | 137   | 118   | 123   | 124   | 162   | 114   | 104   | 80    | 31    | 39    |
| Females, . . . . .                     | 2,601  | 2  | 6   | 45  | 184   | 304   | 362   | 415   | 349   | 284   | 192   | 158   | 80    | 60    | 34    | 18    | 7     | -     |
| Young persons (under 18 years of age), | 567    | 2  | 27  | 143 | 141   | 95    | 68    | 48    | 22    | 14    | 3     | 4     | -     | -     | -     | 1     | -     | -     |









TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.                             | Total<br>Num-<br>ber of<br>Wage-<br>Earnings | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |     |     |
|---|--|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|-----|
|   |  | \$3<br>under  | \$4<br>under        | \$5<br>under        | \$6<br>under        | \$7<br>under        | \$8<br>under        | \$9<br>under        | \$10<br>under        | \$11<br>under        | \$12<br>under        | \$13<br>under        | \$14<br>under        | \$15<br>under        | \$16<br>under        | \$18<br>under        | \$20<br>under        | \$22<br>under        | \$25<br>and<br>over  |     |     |
|   |  | \$3<br>but<br>under   | \$4<br>but<br>under | \$5<br>but<br>under | \$6<br>but<br>under | \$7<br>but<br>under | \$8<br>but<br>under | \$9<br>but<br>under | \$10<br>but<br>under | \$11<br>but<br>under | \$12<br>but<br>under | \$13<br>but<br>under | \$14<br>but<br>under | \$15<br>but<br>under | \$16<br>but<br>under | \$18<br>but<br>under | \$20<br>but<br>under | \$22<br>but<br>under | \$25<br>but<br>under |     |     |
| <b>Cloth, Spanging and Refinishing.</b>         | 49   | -   | -                   | -                   | -                   | 3                   | 2                   | 3                   | 5                    | -                    | -                    | 9                    | 1                    | 2                    | 7                    | 11                   | 3                    | -                    | -                    | 2   | 1   |
| Adults (18 years of age and over):              |  | -   | -                   | -                   | -                   | 3                   | 2                   | 3                   | 5                    | -                    | -                    | 9                    | 1                    | 2                    | 7                    | 11                   | 3                    | -                    | -                    | 2   | 1   |
| Males, . . . . .                                | 49   | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| Females, . . . . .                              | -  | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| Young persons (under 18 years of age),          | -  | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| <b>Clothing, Men's.</b>                         | 6,116  | 1   | 14                  | 79                  | 267                 | 472                 | 599                 | 680                 | 514                  | 439                  | 339                  | 417                  | 374                  | 364                  | 365                  | 361                  | 324                  | 249                  | 201                  | 217 | 217 |
| Adults (18 years of age and over):              |  | -   | 1                   | 3                   | 8                   | 30                  | 26                  | 60                  | 104                  | 179                  | 154                  | 261                  | 186                  | 210                  | 325                  | 339                  | 375                  | 244                  | 201                  | 216 | 216 |
| Males, . . . . .                                | 2,922  | -   | 1                   | 3                   | 8                   | 30                  | 26                  | 60                  | 104                  | 179                  | 154                  | 261                  | 186                  | 210                  | 325                  | 339                  | 375                  | 244                  | 201                  | 216 | 216 |
| Females, . . . . .                              | 3,027  | 1   | 3                   | 43                  | 212                 | 411                 | 553                 | 552                 | 404                  | 305                  | 171                  | 156                  | 85                   | 54                   | 40                   | 22                   | 9                    | 5                    | -                    | 1   | 1   |
| Young persons (under 18 years of age),          | 167  | -   | 10                  | 33                  | 47                  | 31                  | 20                  | 8                   | 6                    | 5                    | 4                    | -                    | 3                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| <b>Clothing, Women's.</b>                       | 6,399  | 8   | 46                  | 177                 | 592                 | 630                 | 702                 | 821                 | 637                  | 594                  | 381                  | 323                  | 172                  | 163                  | 173                  | 207                  | 209                  | 198                  | 252                  | 369 | 369 |
| Adults (18 years of age and over):              |  | -   | -                   | 1                   | 8                   | 17                  | 28                  | 40                  | 31                   | 56                   | 25                   | 61                   | 39                   | 37                   | 92                   | 133                  | 171                  | 180                  | 238                  | 350 | 350 |
| Males, . . . . .                                | 1,512  | -   | -                   | 1                   | 8                   | 17                  | 28                  | 40                  | 31                   | 56                   | 25                   | 61                   | 39                   | 37                   | 92                   | 133                  | 171                  | 180                  | 238                  | 350 | 350 |
| Females, . . . . .                              | 4,659  | 8   | 26                  | 128                 | 312                 | 554                 | 667                 | 765                 | 605                  | 536                  | 295                  | 261                  | 132                  | 131                  | 81                   | 69                   | 38                   | 18                   | 14                   | 19  | 19  |
| Young persons (under 18 years of age),          | 228  | -   | 20                  | 48                  | 72                  | 59                  | 7                   | 16                  | 1                    | 2                    | 1                    | 1                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| <b>Coffee and Spice, Roasting and Grinding.</b> | 466  | -   | -                   | 9                   | 6                   | 33                  | 33                  | 75                  | 26                   | 22                   | 10                   | 23                   | 23                   | 43                   | 41                   | 40                   | 38                   | 25                   | 8                    | 8   | 8   |
| Adults (18 years of age and over):              |  | -   | -                   | -                   | 1                   | 5                   | 2                   | 7                   | 11                   | 10                   | 8                    | 21                   | 22                   | 41                   | 40                   | 40                   | 37                   | 24                   | 8                    | 8   | 8   |
| Males, . . . . .                                | 235  | -   | -                   | -                   | -                   | -                   | -                   | -                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |
| Females, . . . . .                              | 171  | -   | -                   | -                   | 4                   | 20                  | 35                  | 68                  | 14                   | 11                   | 2                    | 2                    | 1                    | 2                    | 1                    | 1                    | 1                    | 1                    | -                    | -   | -   |
| Young persons (under 18 years of age),          | 10   | -   | 2                   | 1                   | 4                   | 1                   | -                   | -                   | 1                    | 1                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -   | -   |

[illegible]





| Cotton Goods.                               |  | 119,108 | 50 | 461 | 1,860 | 4,828 | 10,618 | 18,387 | 30,008 | 17,868 | 18,104 | 9,178 | 7,047 | 4,680 | 3,418 | 3,908 | 1,948 | 1,048 | 571 | 408 | 648 |
|---|--|---------|----|-----|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| Adults (18 years of age and over):          |  |         |    |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
| Males, . . . . .                            |  | 59,608  | 6  | 8   | 93    | 765   | 2,990  | 8,095  | 9,674  | 7,563  | 6,450  | 5,345 | 4,789 | 3,711 | 2,949 | 2,670 | 1,861 | 1,084 | 571 | 403 | 643 |
| Females, . . . . .                          |  | 48,468  | 8  | 48  | 340   | 1,995 | 5,941  | 8,097  | 9,771  | 9,100  | 6,454  | 3,743 | 2,216 | 959   | 405   | 230   | 88    | 13    | -   | -   | -   |
| Young persons (under 18 years of age),      |  | 11,025  | 36 | 405 | 1,456 | 2,302 | 2,431  | 2,135  | 1,187  | 680    | 390    | 90    | 43    | 10    | 4     | 2     | 4     | 1     | -   | -   | -   |
| Cotton Small Wares.                         |  |         |    |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):          |  | 1,987   | 1  | 18  | 100   | 116   | 240    | 146    | 118    | 128    | 95     | 57    | 47    | 86    | 38    | 25    | 21    | 41    | 10  | 11  | 15  |
| Males, . . . . .                            |  | 468     | -  | 1   | 6     | 9     | 23     | 43     | 46     | 80     | 50     | 26    | 30    | 14    | 22    | 31    | 18    | 35    | 9   | 11  | 15  |
| Females, . . . . .                          |  | 533     | -  | 3   | 20    | 29    | 133    | 87     | 65     | 47     | 45     | 31    | 17    | 13    | 10    | 4     | 3     | 6     | 1   | -   | -   |
| Young persons (under 18 years of age),      |  | 256     | 1  | 14  | 74    | 78    | 64     | 16     | 7      | 1      | -      | 1     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| Outlery and Tools, not elsewhere specified. |  |         |    |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):          |  | 7,990   | 8  | 83  | 59    | 155   | 393    | 384    | 573    | 764    | 666    | 655   | 733   | 618   | 337   | 541   | 710   | 740   | 309 | 276 | 378 |
| Males, . . . . .                            |  | 6,774   | -  | -   | 2     | 31    | 88     | 115    | 338    | 573    | 521    | 606   | 713   | 613   | 333   | 538   | 709   | 739   | 309 | 275 | 272 |
| Females, . . . . .                          |  | 721     | -  | -   | 1     | 32    | 150    | 103    | 186    | 190    | 35     | 26    | 16    | 4     | 3     | 3     | -     | 1     | -   | 1   | -   |
| Young persons (under 18 years of age),      |  | 495     | 2  | 23  | 56    | 92    | 155    | 66     | 49     | 33     | 10     | 3     | 4     | 1     | 1     | -     | 1     | -     | -   | -   | -   |
| Dental Goods.                               |  |         |    |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):          |  | 58      | -  | -   | 3     | 7     | 6      | 3      | 3      | -      | 3      | 3     | 4     | 3     | 3     | 3     | 1     | 6     | 3   | 1   | 5   |
| Males, . . . . .                            |  | 30      | -  | -   | 1     | 1     | 1      | -      | -      | -      | 2      | 2     | 3     | 2     | 2     | 2     | -     | 5     | 3   | 1   | 5   |
| Females, . . . . .                          |  | 11      | -  | -   | -     | -     | 2      | 2      | 2      | -      | 1      | -     | 1     | -     | 1     | -     | 1     | 1     | -   | -   | -   |
| Young persons (under 18 years of age),      |  | 12      | -  | -   | 2     | 6     | 3      | -      | 1      | -      | -      | -     | -     | -     | -     | -     | -     | -     | -   | -   | -   |
| Dyeing and Finishing Textiles.              |  |         |    |     |       |       |        |        |        |        |        |       |       |       |       |       |       |       |     |     |     |
| Adults (18 years of age and over):          |  | 13,038  | -  | 6   | 81    | 387   | 931    | 1,351  | 2,014  | 2,438  | 1,131  | 538   | 603   | 571   | 573   | 524   | 318   | 341   | 179 | 110 | 378 |
| Males, . . . . .                            |  | 10,156  | -  | -   | 1     | 19    | 140    | 1,068  | 2,574  | 2,207  | 999    | 471   | 508   | 353   | 292   | 320   | 317   | 237   | 178 | 110 | 372 |
| Females, . . . . .                          |  | 2,065   | -  | -   | -     | 119   | 550    | 853    | 298    | 218    | 138    | 67    | 49    | 17    | 16    | 14    | 1     | 4     | 1   | -   | -   |
| Young persons (under 18 years of age),      |  | 811     | -  | 6   | 80    | 189   | 291    | 170    | 52     | 13     | 4      | -     | 5     | 1     | -     | -     | -     | -     | -   | -   | -   |

TABLE V. WAGES — Continued.  
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

| INDUSTRIES AND SEX.                                   | Total<br>Num-<br>ber of<br>Wage-<br>Earnings | CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER |                            |                            |                            |                            |                            |                             |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |             |  |
|---|--|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------|--|
|   |  | \$3<br>under<br>\$4   | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$22 | \$22<br>but<br>under<br>\$25 | \$25<br>but<br>under<br>\$35 | and<br>Over |  |
|   |  | Un-<br>der<br>\$3   | \$4                        | \$5                        | \$6                        | \$7                        | \$8                        | \$9                         | \$10                         | \$11                         | \$12                         | \$13                         | \$14                         | \$15                         | \$16                         | \$18                         | \$20                         | \$22                         | \$25                         |             |  |
| Un-<br>der<br>\$3                                     | \$4  | \$5   | \$6                        | \$7                        | \$8                        | \$9                        | \$10                       | \$11                        | \$12                         | \$13                         | \$14                         | \$15                         | \$16                         | \$18                         | \$20                         | \$22                         | \$25                         | \$25                         |                              |             |  |
| <b>Dyestuffs and Extracts.</b>                        | 181  | -   | -                          | 7                          | 2                          | -                          | -                          | 19                          | 42                           | 8                            | 43                           | 7                            | 9                            | 11                           | 18                           | 4                            | 3                            | 4                            | 4                            | 4           |  |
| Adults (18 years of age and over):                    |  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Males, . . . . .                                      | 173  | -   | -                          | -                          | 1                          | -                          | -                          | 19                          | 42                           | 8                            | 43                           | 7                            | 9                            | 11                           | 18                           | 4                            | 3                            | 4                            | 4                            | 4           |  |
| Females, . . . . .                                    | 5  | -   | -                          | 5                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Young persons (under 18 years of age),                | 3  | -   | -                          | 2                          | 1                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| <b>Electrical Machinery, Apparatus, and Supplies.</b> | 20,791                                       | 14  | 70                         | 666                        | 870                        | 880                        | 1,468                      | 1,980                       | 1,484                        | 1,888                        | 1,888                        | 1,865                        | 1,033                        | 1,807                        | 2,583                        | 1,940                        | 1,091                        | 1,008                        | 788                          | 788         |  |
| Adults (18 years of age and over):                    |  | -   | 7                          | 118                        | 146                        | 235                        | 494                        | 1,056                       | 971                          | 1,019                        | 1,161                        | 1,185                        | 1,007                        | 1,181                        | 2,489                        | 1,917                        | 1,090                        | 1,008                        | 788                          | 788         |  |
| Males, . . . . .                                      | 15,872                                       | -   | 2                          | 239                        | 412                        | 360                        | 571                        | 584                         | 417                          | 222                          | 115                          | 66                           | 17                           | 17                           | 10                           | -                            | 1                            | -                            | -                            | -           |  |
| Females, . . . . .                                    | 3,023  | -   | 14                         | 61                         | 319                        | 312                        | 397                        | 280                         | 96                           | 41                           | 12                           | 14                           | 9                            | 9                            | 24                           | 23                           | -                            | -                            | -                            | -           |  |
| Young persons (under 18 years of age),                | 1,896  | -   | 8                          | 8                          | 16                         | 15                         | 9                          | 18                          | 17                           | 6                            | 53                           | 14                           | 18                           | 20                           | 31                           | 60                           | 80                           | 9                            | 9                            | 9           |  |
| <b>Electroplating.</b>                                | 287  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Adults (18 years of age and over):                    |  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Males, . . . . .                                      | 261  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Females, . . . . .                                    | 9  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Young persons (under 18 years of age),                | 17   | -   | 2                          | 2                          | 8                          | 2                          | 1                          | 1                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| <b>Enamelling and Japanning.</b>                      | 169  | -   | 7                          | 11                         | 16                         | 18                         | 18                         | 29                          | 18                           | 1                            | 10                           | 7                            | 5                            | 10                           | 9                            | 8                            | 8                            | 8                            | 8                            | 8           |  |
| Adults (18 years of age and over):                    |  | -   | -                          | -                          | -                          | -                          | -                          | -                           | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Males, . . . . .                                      | 93   | -   | -                          | -                          | 3                          | 4                          | 1                          | 22                          | 13                           | -                            | 9                            | 7                            | 5                            | 10                           | 9                            | 2                            | 3                            | 2                            | 3                            | 3           |  |
| Females, . . . . .                                    | 48   | -   | 1                          | 5                          | 6                          | 7                          | 16                         | 7                           | 5                            | -                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |
| Young persons (under 18 years of age),                | 28   | -   | 6                          | 6                          | 7                          | 7                          | 1                          | -                           | -                            | -                            | 1                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -                            | -           |  |

[illegible]







|  | 186   | 1 | 4 | 9  | 10 | 13 | 15 | 18  | 19  | 21  | 5  | 8   | 9  | 2  | 1   | 4   | 13  | 5  | 0  | 4  |
|--|-------|---|---|----|----|----|----|-----|-----|-----|----|-----|----|----|-----|-----|-----|----|----|----|
| <b>Gold and Silver, Lead and Woll.</b> |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Adults (18 years of age and over):     |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Males, . . . . .                       | 56    | - | - | -  | -  | 1  | 4  | 1   | 8   | 2   | 1  | 4   | -  | 2  | 1   | 4   | 13  | 5  | 0  | 4  |
| Females, . . . . .                     | 86    | 1 | 4 | 7  | 10 | 10 | 8  | 12  | 3   | 3   | 2  | 4   | 2  | -  | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 4     | - | - | 2  | -  | 2  | -  | -   | -   | -   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| <b>Gold and Silver, Bedcutting and</b> |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| <b>Refining, not from the Ore.</b>     |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Adults (18 years of age and over):     | 19    | - | - | -  | -  | -  | -  | -   | -   | -   | -  | -   | 3  | 4  | 3   | 9   | 1   | -  | 3  | 3  |
| Males, . . . . .                       | 19    | - | - | -  | -  | -  | -  | -   | -   | -   | -  | -   | 3  | 2  | 4   | 2   | 1   | -  | 2  | 2  |
| Females, . . . . .                     | -     | - | - | -  | -  | -  | -  | -   | -   | -   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | -     | - | - | -  | -  | -  | -  | -   | -   | -   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| <b>Grease and Tallow.</b>              |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Adults (18 years of age and over):     | 682   | - | 1 | -  | -  | 3  | 4  | 25  | 27  | 21  | 71 | 159 | 76 | 37 | 75  | 37  | 24  | 16 | 5  | 13 |
| Males, . . . . .                       | 655   | - | - | -  | -  | -  | 3  | 23  | 27  | 90  | 71 | 159 | 76 | 37 | 75  | 37  | 24  | 16 | 5  | 12 |
| Females, . . . . .                     | 5     | - | - | -  | -  | 2  | 1  | 2   | -   | -   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 2     | - | 1 | -  | -  | -  | -  | -   | -   | 1   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| <b>Lead Stamps and Stencils and</b>    |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| <b>Brands.</b>                         |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Adults (18 years of age and over):     | 106   | 1 | - | 3  | 5  | 11 | 10 | 7   | 5   | 8   | 1  | 6   | -  | 4  | 7   | 4   | 15  | 7  | 4  | 8  |
| Males, . . . . .                       | 81    | - | - | -  | -  | 6  | 4  | 3   | 5   | 8   | -  | 6   | -  | 4  | 7   | 4   | 15  | 7  | 4  | 8  |
| Females, . . . . .                     | 9     | - | - | -  | -  | 1  | 4  | 4   | -   | -   | -  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 16    | 1 | - | 3  | 5  | 4  | 2  | -   | -   | -   | 1  | -   | -  | -  | -   | -   | -   | -  | -  | -  |
| <b>Hardware.</b>                       |       |   |   |    |    |    |    |     |     |     |    |     |    |    |     |     |     |    |    |    |
| Adults (18 years of age and over):     | 1,607 | - | 1 | 54 | 45 | 91 | 97 | 237 | 155 | 138 | 56 | 139 | 70 | 40 | 103 | 109 | 166 | 51 | 31 | 39 |
| Males, . . . . .                       | 1,315 | - | - | -  | 3  | 23 | 43 | 209 | 128 | 124 | 51 | 135 | 70 | 40 | 103 | 109 | 166 | 51 | 31 | 29 |
| Females, . . . . .                     | 93    | - | - | 3  | 7  | 9  | 20 | 19  | 21  | 6   | 5  | 3   | -  | -  | -   | -   | -   | -  | -  | -  |
| Young persons (under 18 years of age), | 199   | - | 1 | 51 | 36 | 59 | 34 | 9   | 6   | 2   | -  | 1   | -  | -  | -   | -   | -   | -  | -  | -  |









|  | 9 | 10 | 16 | 76  | 906 | 184 | 447 | 697 | 589 | 409 | 416 | 362 | 436 | 909 | 395 | 543 | 446 | 928 | 965 | 968 |
|--|---|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Jewelry.</b>                        |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):     |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Males, . . . . .                       | - | -  | -  | 2   | 14  | 58  | 66  | 235 | 234 | 199 | 285 | 260 | 394 | 262 | 299 | 542 | 439 | 278 | 263 | 266 |
| Females, . . . . .                     | - | 4  | 22 | 85  | 281 | 353 | 353 | 435 | 339 | 206 | 131 | 102 | 41  | 17  | 26  | 6   | 7   | 4   | 2   | 2   |
| Young persons (under 18 years of age), | 2 | 12 | 51 | 107 | 85  | 29  | 27  | 16  | 4   | 4   | 2   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| <b>Jewelry and Instrument Cases.</b>   |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):     |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Males, . . . . .                       | - | -  | -  | -   | -   | 1   | 8   | 7   | 13  | 8   | 3   | 8   | 8   | 5   | 6   | 8   | 9   | 1   | 8   | 3   |
| Females, . . . . .                     | 1 | 2  | -  | 25  | 29  | 43  | 62  | 20  | 17  | 6   | 4   | 5   | -   | 2   | -   | -   | -   | -   | -   | -   |
| Young persons (under 18 years of age), | - | 2  | 8  | 18  | 10  | 10  | 8   | -   | 2   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| <b>Labels and Tags.</b>                |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):     |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Males, . . . . .                       | - | -  | -  | -   | 4   | 3   | 4   | 5   | -   | 1   | -   | 3   | -   | 1   | 4   | -   | 1   | 1   | 3   | 1   |
| Females, . . . . .                     | - | -  | -  | -   | -   | -   | -   | 1   | -   | 1   | -   | 2   | -   | 1   | 3   | -   | 1   | 1   | 3   | 1   |
| Young persons (under 18 years of age), | - | -  | -  | -   | 1   | -   | 4   | -   | -   | -   | -   | 1   | -   | -   | 1   | -   | -   | -   | -   | -   |
| <b>Lamps and Reflectors.</b>           |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):     |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Males, . . . . .                       | - | -  | -  | 3   | 2   | 6   | 5   | 5   | 25  | 23  | 14  | 20  | 16  | 11  | 26  | 24  | 28  | 11  | 23  | 8   |
| Females, . . . . .                     | - | -  | 1  | 1   | 3   | 4   | 7   | 6   | 5   | -   | -   | -   | -   | -   | 1   | -   | -   | -   | -   | -   |
| Young persons (under 18 years of age), | - | -  | -  | -   | 6   | 13  | 8   | 5   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| <b>Lamps.</b>                          |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Adults (18 years of age and over):     |   |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Males, . . . . .                       | - | -  | -  | 3   | 4   | 18  | 23  | 16  | 63  | 49  | 30  | 98  | 94  | 38  | 119 | 98  | 160 | 109 | 73  | 183 |
| Females, . . . . .                     | - | -  | -  | -   | 2   | 2   | 8   | 12  | 50  | 33  | 29  | 88  | 93  | 28  | 118 | 97  | 150 | 108 | 72  | 133 |
| Young persons (under 18 years of age), | - | -  | -  | -   | 1   | 2   | 3   | 1   | 2   | 4   | -   | 3   | -   | -   | -   | 1   | -   | 1   | 1   | -   |
| Young persons (under 18 years of age), | - | -  | -  | 3   | 1   | 14  | 12  | 3   | 7   | 5   | 1   | 1   | 1   | -   | 1   | -   | -   | -   | -   | -   |













|   |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
|---|--------|---|----|----|-----|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Oil, not elsewhere specified.                               | 210    | - | 1  | -  | -   | 4     | 3     | 6     | 20    | 63    | 39    | 69  | 36  | 17  | 28  | 16  | 13  | 2   | -   | 6  |
| Adults (18 years of age and over):                          |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
| Males, . . . . .  | 297    | - | 1  | -  | -   | 1     | 1     | 2     | 17    | 61    | 30    | 60  | 26  | 17  | 28  | 16  | 12  | 2   | -   | 6  |
| Females, . . . . .  | 11     | - | -  | -  | -   | 2     | 2     | 3     | -     | 2     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                      | 2      | - | -  | -  | -   | 1     | -     | 1     | -     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Paints and Varnishes.                                       | 545    | - | 3  | 7  | 18  | 25    | 6     | 32    | 30    | 30    | 65    | 99  | 47  | 23  | 41  | 35  | 26  | 16  | 4   | 21 |
| Adults (18 years of age and over):                          |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
| Males, . . . . .  | 505    | - | 1  | 3  | 3   | 13    | 1     | 25    | 30    | 64    | 90    | 47  | 26  | 41  | 35  | 26  | 16  | 4   | 21  | -  |
| Females, . . . . .  | 24     | - | 2  | 11 | 8   | 4     | 6     | -     | 1     | -     | -     | -   | 2   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                      | 14     | - | 2  | 2  | 4   | 4     | 1     | 1     | -     | -     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| Paper and Wood Pulp.  | 14,833 | - | 19 | 78 | 973 | 1,392 | 1,053 | 2,216 | 2,257 | 1,350 | 1,486 | 621 | 420 | 544 | 573 | 738 | 297 | 163 | 161 | -  |
| Adults (18 years of age and over):                          |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
| Males, . . . . .  | 9,959  | - | -  | 1  | 19  | 55    | 105   | 1,470 | 2,103 | 1,190 | 1,339 | 640 | 419 | 527 | 564 | 788 | 297 | 163 | 161 | -  |
| Females, . . . . .  | 4,078  | - | 10 | 60 | 911 | 1,181 | 904   | 713   | 180   | 59    | 34    | 20  | 10  | 17  | 9   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age),                      | 196    | - | 9  | 11 | 43  | 56    | 44    | 24    | 4     | 1     | 3     | 1   | -   | -   | -   | -   | -   | -   | -   | -  |
| Paper Goods, not elsewhere specified.                       | 4,396  | - | 9  | 46 | 383 | 437   | 431   | 575   | 402   | 399   | 195   | 364 | 205 | 137 | 200 | 183 | 233 | 131 | 79  | 72 |
| Adults (18 years of age and over):                          |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
| Males, . . . . .  | 2,164  | - | -  | 8  | 27  | 30    | 85    | 200   | 235   | 116   | 300   | 176 | 113 | 113 | 131 | 194 | 229 | 130 | 78  | 72 |
| Females, . . . . .  | 1,643  | - | 3  | 17 | 236 | 257   | 321   | 237   | 188   | 157   | 78    | 62  | 29  | 24  | 19  | 9   | 4   | 1   | 1   | -  |
| Young persons (under 18 years of age),                      | 489    | - | 6  | 29 | 144 | 153   | 80    | 53    | 14    | 7     | 1     | 2   | -   | -   | -   | -   | -   | -   | -   | -  |
| Patent Medicines and Compounds and Druggists' Preparations. | 1,824  | - | 11 | 23 | 111 | 397   | 227   | 203   | 127   | 116   | 71    | 144 | 49  | 43  | 23  | 27  | 72  | 23  | 13  | 49 |
| Adults (18 years of age and over):                          |        |   |    |    |     |       |       |       |       |       |       |     |     |     |     |     |     |     |     |    |
| Males, . . . . .  | 723    | - | 1  | 6  | 22  | 46    | 52    | 62    | 59    | 30    | 104   | 23  | 23  | 23  | 74  | 53  | 65  | 30  | 14  | 43 |
| Females, . . . . .  | 953    | - | 2  | 10 | 43  | 290   | 195   | 151   | 65    | 56    | 41    | 40  | 16  | 14  | 9   | 4   | 7   | 3   | 4   | 2  |
| Young persons (under 18 years of age),                      | 158    | - | 8  | 17 | 62  | 55    | 15    | -     | -     | 1     | -     | -   | -   | -   | -   | -   | -   | -   | -   | -  |







| Shirts.                                    |  | 1,998 | 90 | 83 | 99 | 244 | 810 | 269 | 840 | 309 | 143 | 73  | 41  | 87  | 83  | 40 | 88 | 16 | 18 | 9  |
|--|--|-------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| Adults (18 years of age and over):         |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Males, . . . . .                           |  | 435   | -  | -  | 1  | 13  | 11  | 23  | 40  | 118 | 48  | 18  | 19  | 25  | 22  | 24 | 26 | 16 | 13 | 9  |
| Females, . . . . .                         |  | 1,365 | -  | 15 | 73 | 291 | 177 | 231 | 195 | 186 | 94  | 54  | 22  | 12  | 1   | 6  | 2  | -  | -  | -  |
| Young persons (under 18 years of age),     |  | 126   | -  | 14 | 8  | 26  | 40  | 23  | 5   | 5   | 1   | 1   | -   | -   | -   | -  | -  | -  | -  | -  |
| Shoddy, Wool.                              |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Adults (18 years of age and over):         |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Males, . . . . .                           |  | 725   | -  | -  | 1  | 6   | 13  | 104 | 227 | 208 | 21  | 16  | 23  | 32  | 23  | 15 | 12 | 16 | 5  | 3  |
| Females, . . . . .                         |  | 54    | -  | -  | -  | 39  | 7   | 7   | -   | -   | -   | 1   | -   | -   | -   | -  | -  | -  | -  | -  |
| Young persons (under 18 years of age),     |  | -     | -  | -  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -  |
| Shoe-Cases.                                |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Adults (18 years of age and over):         |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Males, . . . . .                           |  | 68    | -  | -  | -  | -   | -   | 1   | 8   | 1   | 8   | 8   | 1   | 5   | 8   | 9  | 14 | 11 | 6  | 8  |
| Females, . . . . .                         |  | 68    | -  | -  | -  | -   | -   | 1   | 2   | 1   | 2   | 8   | 1   | 3   | 8   | 9  | 14 | 11 | 6  | 2  |
| Young persons (under 18 years of age),     |  | -     | -  | -  | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -  |
| Signs and Advertising Novelties.           |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Adults (18 years of age and over):         |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Males, . . . . .                           |  | 221   | -  | 2  | 1  | 1   | 6   | 10  | 11  | 8   | 3   | 18  | 7   | 8   | 26  | 29 | 27 | 19 | 27 | 18 |
| Females, . . . . .                         |  | 175   | -  | 12 | 16 | 33  | 21  | 19  | 17  | 33  | 9   | 4   | 8   | 1   | -   | -  | -  | -  | -  | -  |
| Young persons (under 18 years of age),     |  | 23    | -  | 1  | 4  | 7   | 8   | 1   | 2   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -  |
| Silk and Silk Goods, Including Throwsters. |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Adults (18 years of age and over):         |  |       |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
| Males, . . . . .                           |  | 1,188 | -  | -  | 13 | 20  | 72  | 80  | 87  | 149 | 88  | 131 | 130 | 108 | 101 | 80 | 36 | 24 | 19 | 15 |
| Females, . . . . .                         |  | 2,576 | -  | 1  | 77 | 199 | 249 | 376 | 415 | 317 | 312 | 347 | 184 | 51  | 25  | 11 | 10 | 1  | 1  | -  |
| Young persons (under 18 years of age),     |  | 457   | -  | 3  | 90 | 89  | 142 | 65  | 24  | 7   | -   | -   | -   | 1   | -   | 1  | -  | -  | -  | -  |













|  | 974   | - | - | 84 | 109 | 43 | 161 | 129 | 176 | 99  | 68  | 56  | 30  | 15  | 17  | 18  | 18  | 8   | 1   | 5  |
|--|-------|---|---|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| <b>Waste.</b>                          |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                       | 699   | - | - | -  | -   | -  | 119 | 114 | 166 | 87  | 63  | 50  | 30  | 15  | 17  | 12  | 18  | 2   | 1   | 5  |
| Females, . . . . .                     | 266   | - | - | 34 | 103 | 47 | 42  | 14  | 10  | 6   | 4   | 6   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age), | 9     | - | - | -  | 6   | 1  | -   | 1   | -   | -   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Watch and Clock Materials.</b>      |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                       | 65    | - | - | -  | 2   | -  | 1   | 1   | 2   | 2   | -   | 1   | 1   | 7   | 3   | 8   | 10  | 9   | 11  | 7  |
| Females, . . . . .                     | 111   | - | - | -  | 12  | 20 | 19  | 20  | 15  | 11  | 4   | 5   | 3   | 1   | -   | -   | 1   | -   | -   | -  |
| Young persons (under 18 years of age), | 11    | - | - | 5  | 2   | 3  | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Whips.</b>                          |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                       | 666   | - | - | -  | 10  | 18 | 12  | 56  | 82  | 114 | 63  | 110 | 55  | 21  | 47  | 39  | 16  | 9   | 7   | 7  |
| Females, . . . . .                     | 265   | - | - | 4  | 34  | 82 | 47  | 66  | 20  | 21  | 8   | 2   | -   | -   | 1   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age), | 31    | - | 2 | 4  | 10  | 9  | 3   | 2   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Window Shades and Fixtures.</b>     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                       | 142   | - | - | -  | -   | -  | -   | 1   | 12  | 14  | 13  | 31  | 17  | 6   | 21  | 6   | 12  | 5   | 3   | 1  |
| Females, . . . . .                     | 26    | - | - | -  | -   | -  | 9   | 4   | 6   | 2   | 1   | 4   | -   | -   | -   | -   | -   | -   | -   | -  |
| Young persons (under 18 years of age), | 8     | - | - | 1  | 5   | -  | 1   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  |
| <b>Wire.</b>                           |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Adults (18 years of age and over):     |       |   |   |    |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Males, . . . . .                       | 3,876 | - | - | -  | 4   | 6  | 22  | 65  | 174 | 561 | 241 | 316 | 286 | 202 | 410 | 455 | 501 | 298 | 214 | 91 |
| Females, . . . . .                     | 92    | - | - | -  | 4   | 14 | 13  | 21  | 14  | 10  | 6   | 1   | 3   | 2   | 3   | 1   | -   | -   | -   | -  |
| Young persons (under 18 years of age), | 74    | - | - | 5  | 8   | 17 | 10  | 17  | 9   | 5   | 2   | -   | -   | 1   | -   | -   | -   | -   | -   | -  |





TABLE VI. DAYS IN OPERATION.

## A. THE STATE: BY INDUSTRIES.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>THE STATE.</b>  | <b>9,707</b>             | <b>286.6</b>                        | <b>The State — Con.</b>  |                          |                                     |
| Agricultural implements, . . . . .   | 4                        | 304.5                               | Copper, tin, and sheet-iron products, . . . . .                        | 125                      | 297.8                               |
| Artificial limbs, . . . . .  | 6                        | 271.8                               | Cordage and twine, and jute goods, . . . . .                           | 14                       | 287.6                               |
| Artificial stone products, . . . . .   | 36                       | 240.5                               | Corsets, . . . . .   | 11                       | 297.8                               |
| Automobiles, including bodies and parts, . . . . .                                     | 75                       | 294.5                               | Cotton goods, . . . . .  | 174                      | 282.8                               |
| Awnings, tents, and sails, . . . . .   | 53                       | 268.5                               | Cotton small wares, . . . . .  | 23                       | 288.3                               |
| Baskets, and rattan and willow ware, . . . . .   | 13                       | 277.3                               | Cutlery and tools, not elsewhere specified, . . . . .                  | 140                      | 280.4                               |
| Belting, leather, . . . . .  | 18                       | 304.3                               | Dental goods, . . . . .  | 7                        | 305.0                               |
| Belting and hose, woven, . . . . .   | 6                        | 287.7                               | Dyeing and finishing textiles, . . . . .                               | 56                       | 283.3                               |
| Billiard tables and materials, . . . . .   | 6                        | 304.2                               | Dyestuffs and extracts, . . . . .                                      | 15                       | 297.6                               |
| Blacking, stains, and dressing, . . . . .  | 48                       | 288.1                               | Electrical machinery, apparatus, and supplies, . . . . .               | 90                       | 287.9                               |
| Bookbinding and blank-book making, . . . . .   | 83                       | 298.5                               | Electroplating, . . . . .  | 45                       | 303.3                               |
| Boot and shoe cut stock and findings, . . . . .  | 402                      | 284.7                               | Enameling and japaning, . . . . .                                      | 13                       | 274.8                               |
| Boots and shoes, . . . . .   | 444                      | 278.7                               | Engraving and diesinking, . . . . .                                    | 29                       | 275.9                               |
| Boots and shoes, rubber, . . . . .   | 8                        | 291.5                               | Engraving, steel and copper plate, including plate printing, . . . . . | 17                       | 304.9                               |
| Boxes, cigar, . . . . .  | 5                        | 288.4                               | Envelopes, . . . . .   | 13                       | 296.0                               |
| Boxes, fancy and paper, . . . . .  | 94                       | 289.4                               | Fancy articles, not elsewhere specified, . . . . .                     | 17                       | 292.5                               |
| Boxes, wooden packing, . . . . .   | 96                       | 282.6                               | Felt goods, . . . . .  | 12                       | 280.3                               |
| Brass, bronze, and copper products, . . . . .  | 61                       | 297.0                               | Firearms, . . . . .  | 6                        | 256.8                               |
| Bread and other bakery products, . . . . .   | 1,088                    | 295.8                               | Flavoring extracts, . . . . .  | 21                       | 297.0                               |
| Brick and tile, . . . . .  | 44                       | 183.8                               | Flour-mill and gristmill products, . . . . .                           | 83                       | 258.4                               |
| Brooms, . . . . .  | 20                       | 263.4                               | Food preparations, . . . . .   | 39                       | 261.6                               |
| Brushes, . . . . .   | 29                       | 290.8                               | Foundry and machine-shop products, . . . . .                           | 643                      | 293.6                               |
| Butter, . . . . .  | 16                       | 265.3                               | Fur goods, . . . . .   | 13                       | 289.5                               |
| Buttons, . . . . .   | 12                       | 289.2                               | Furnishing goods, men's, . . . . .                                     | 12                       | 276.5                               |
| Canning and preserving, . . . . .  | 58                       | 263.8                               | Furniture, . . . . .   | 119                      | 288.0                               |
| Carpets and rugs, other than rag, . . . . .  | 13                       | 265.7                               | Galvanizing, . . . . .   | 3                        | 301.7                               |
| Carpets, rag, . . . . .  | 21                       | 278.1                               | Gas and electric fixtures, . . . . .                                   | 14                       | 287.6                               |
| Carriages and sleds, children's, . . . . .   | 8                        | 290.6                               | Gas, illuminating and heating, . . . . .                               | 50                       | 350.8                               |
| Carriages and wagons and materials, . . . . .  | 119                      | 294.1                               | Glass cutting, staining, and ornamenting, . . . . .                    | 31                       | 280.8                               |
| Cars and general shop construction and repairs by steam-rail-road companies, . . . . . | 11                       | 282.5                               | Glue, . . . . .  | 9                        | 281.0                               |
| Chemicals, . . . . .   | 26                       | 278.7                               | Gold and silver, leaf and foil, . . . . .                              | 10                       | 262.0                               |
| Cleansing and polishing preparations, . . . . .  | 17                       | 303.5                               | Gold and silver, reducing and refining, not from the ore, . . . . .    | 6                        | 306.0                               |
| Cloth, sponging and re-fining, . . . . .   | 4                        | 305.0                               | Grease and tallow, . . . . .   | 32                       | 280.0                               |
| Clothing, men's, . . . . .   | 196                      | 282.2                               | Hand stamps and stencils and brands, . . . . .                         | 22                       | 294.6                               |
| Clothing, women's, . . . . .   | 167                      | 278.4                               | Hardware, . . . . .  | 38                       | 275.7                               |
| Coffee and spice, roasting and grinding, . . . . .                                     | 20                       | 283.6                               | Hats and caps, other than felt, straw, and wool, . . . . .             | 28                       | 278.2                               |
| Coffins, burial cases, and undertakers' goods, . . . . .                               | 12                       | 297.7                               | Hats, fur-felt, . . . . .  | 6                        | 298.5                               |
| Combs and hairpins, . . . . .  | 31                       | 286.2                               | Hats, straw, . . . . .   | 21                       | 287.7                               |
| Confectionery and ice cream, . . . . .   | 280                      | 287.7                               | Hosiery and knit goods, . . . . .                                      | 59                       | 277.8                               |
| Confectionery, . . . . .   | 131                      | 282.5                               | House-furnishing goods, not elsewhere specified, . . . . .             | 28                       | 296.6                               |
| Ice cream, . . . . .   | 99                       | 294.5                               |  |                          |                                     |
| Cooperage, . . . . .   | 36                       | 215.3                               |  |                          |                                     |

TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Continued.

| INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.  | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|
| <b>The State — Con.</b>  |                          |                                     | <b>The State — Con.</b>  |                          |                                     |
| Ice, manufactured, . . .   | 7                        | 297.0                               | Photographic apparatus and materials, . . .                              | 4                        | 303.3                               |
| Instruments, professional and scientific, . . .  | 21                       | 271.4                               | Photo-engraving, . . .   | 25                       | 305.0                               |
| Iron and steel, steel works and rolling mills, . . .   | 11                       | 278.6                               | Plumbers' supplies, . . .  | 17                       | 272.8                               |
| Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills, . . .                         | 8                        | 293.5                               | Pocketbooks, . . .   | 10                       | 277.2                               |
| Iron and steel forgings, . . .   | 11                       | 287.6                               | Pottery, . . .   | 8                        | 286.9                               |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . . | 27                       | 235.3                               | Printing and publishing, . . .   | 641                      | 304.7                               |
| Jewelry, . . .   | 159                      | 270.5                               | Refrigerators, . . .   | 11                       | 296.6                               |
| Jewelry and instrument cases, . . .  | 10                       | 300.2                               | Rubber goods, not elsewhere specified, . . .                             | 36                       | 273.5                               |
| Labels and tags, . . .   | 6                        | 305.0                               | Saddlery and harness, . . .  | 34                       | 302.6                               |
| Lamps and reflectors, . . .  | 6                        | 298.2                               | Sausage, not made in slaughtering and meat-packing establishments, . . . | 48                       | 298.2                               |
| Leads, . . .   | 32                       | 238.5                               | Screws, machine, . . .   | 16                       | 293.3                               |
| Leather goods, not elsewhere specified, . . .  | 37                       | 281.4                               | Shipbuilding, wooden, including boat-building, . . .                     | 61                       | 277.6                               |
| Leather, tanned, curried and finished, . . .   | 122                      | 284.4                               | Shirts, . . .  | 13                       | 279.3                               |
| Lime, . . .  | 10                       | 298.2                               | Shoddy, wool, . . .  | 19                       | 278.0                               |
| Linen goods, . . .   | 7                        | 282.9                               | Show cases, . . .  | 11                       | 304.5                               |
| Liquors, distilled, . . .  | 7                        | 293.0                               | Signs and advertising novelties, . . .                                   | 17                       | 275.3                               |
| Liquors, malt, . . .   | 27                       | 280.3                               | Silk and silk goods, including throwsters, . . .                         | 17                       | 290.6                               |
| Lithographing, . . .   | 14                       | 302.0                               | Silverware and plated ware, . . .  | 22                       | 276.9                               |
| Looking-glass and picture frames, . . .  | 22                       | 290.3                               | Slaughtering and meat-packing, . . .                                     | 36                       | 267.9                               |
| Lumber and timber products, . . .  | 105                      | 189.0                               | Soap, . . .  | 32                       | 264.5                               |
| Lumber, planing-mill products, . . .   | 190                      | 278.1                               | Sporting and athletic goods, . . .                                       | 16                       | 301.2                               |
| Marble and stone work, . . .   | 100                      | 256.5                               | Springs, steel, car and carriage, . . .                                  | 6                        | 294.2                               |
| Mattresses and spring beds, . . .  | 51                       | 302.3                               | Stationery goods, not elsewhere specified, . . .                         | 20                       | 285.8                               |
| Millinery and lace goods, . . .  | 58                       | 290.9                               | Statuary and art goods, . . .  | 11                       | 295.8                               |
| Mineral and soda waters, . . .   | 122                      | 277.2                               | Steam fittings and steam and hot-water heating apparatus, . . .          | 28                       | 280.6                               |
| Mirrors, . . .   | 8                        | 308.4                               | Steam packing, . . .   | 9                        | 296.9                               |
| Models and patterns, not including paper patterns, . . .   | 57                       | 301.4                               | Stereotyping and electrotyping, . . .                                    | 16                       | 293.6                               |
| Monuments and tombstones, . . .  | 178                      | 277.5                               | Stoves and hot-air furnaces, except gas and oil stoves, . . .            | 14                       | 239.1                               |
| Mucilage and paste, . . .  | 17                       | 279.1                               | Structural ironwork, not made in steel works or rolling mills, . . .     | 47                       | 300.0                               |
| Musical instruments and materials not specified, . . .   | 16                       | 300.9                               | Surgical appliances, . . .   | 12                       | 291.8                               |
| Musical instruments, pianos and organs, and materials, . . .   | 47                       | 283.8                               | Suspenders, garters, and elastic woven goods, . . .                      | 29                       | 296.4                               |
| Oil, not elsewhere specified, . . .  | 14                       | 299.2                               | Tobacco manufactures, . . .  | 248                      | 282.4                               |
| Paints and varnishes, . . .  | 31                       | 297.0                               | Toys and games, . . .  | 18                       | 253.2                               |
| Paper and wood pulp, . . .   | 86                       | 255.7                               | Trunks and valises, . . .  | 20                       | 297.8                               |
| Paper goods, not elsewhere specified, . . .  | 49                       | 286.8                               | Type founding and printing materials, . . .                              | 6                        | 292.5                               |
| Patent medicines and compounds and druggists' preparations, . . .  | 91                       | 280.9                               | Upholstering materials, . . .  | 6                        | 303.0                               |
|  |                          |                                     | Vinegar and cider, . . .   | 33                       | 128.5                               |
|  |                          |                                     | Waste, . . .   | 8                        | 295.8                               |
|  |                          |                                     | Watch and clock materials, . . .   | 6                        | 279.7                               |



TABLE VI. DAYS IN OPERATION — Continued.

## A. THE STATE: BY INDUSTRIES — Concluded.

| INDUSTRIES.                                      | Number of Establishments | Average Number of Days in Operation | INDUSTRIES.                         | Number of Establishments | Average Number of Days in Operation |
|--|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| <b>The State — Con.</b>                          |                          |                                     | <b>The State — Con.</b>             |                          |                                     |
| Whips, . . . . .                                 | 19                       | 280.6                               | Wooden goods, . . . .               | 22                       | 279.3                               |
| Window shades and fixtures, . . . . .            | 18                       | 290.5                               | Wool scouring, . . . .              | 10                       | 299.6                               |
| Wire, . . . . .                                  | 8                        | 308.9                               | Woolen and worsted goods, . . . . . | 156                      | 281.8                               |
| Wirework, including wire rope and cable, . . . . | 33                       | 275.2                               | Other industries, . . .             | 280                      | 285.2                               |
| Wood, turned and carved, .                       | 53                       | 280.5                               |                                     |                          |                                     |

## B. THE STATE: BY CITIES AND TOWNS.

| CITIES AND TOWNS.      | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.       | Number of Establishments | Average Number of Days in Operation |
|------------------------|--------------------------|-------------------------------------|-------------------------|--------------------------|-------------------------------------|
| <b>THE STATE.</b>      | <b>9,707</b>             | <b>286.6</b>                        | <b>The State — Con.</b> |                          |                                     |
| Abington, . . . . .    | 18                       | 281.8                               | Douglas, . . . . .      | 6                        | 226.3                               |
| Acton, . . . . .       | 12                       | 278.4                               | Dudley, . . . . .       | 10                       | 270.4                               |
| Adams, . . . . .       | 27                       | 298.0                               | Easthampton, . . . . .  | 21                       | 285.4                               |
| Amesbury, . . . . .    | 50                       | 276.7                               | Easton, . . . . .       | 8                        | 282.7                               |
| Amherst, . . . . .     | 19                       | 276.8                               | Erving, . . . . .       | 5                        | 285.3                               |
| Andover, . . . . .     | 11                       | 290.0                               | Essex, . . . . .        | 4                        | 206.3                               |
| Arlington, . . . . .   | 16                       | 284.7                               | EVERETT, . . . . .      | 76                       | 298.2                               |
| Ashburnham, . . . . .  | 11                       | 246.1                               | FALL RIVER, . . . . .   | 267                      | 296.6                               |
| Athol, . . . . .       | 31                       | 293.3                               | FITCHBURG, . . . . .    | 112                      | 282.8                               |
| ATTLEBORO, . . . . .   | 129                      | 278.6                               | Foxborough, . . . . .   | 13                       | 252.4                               |
| Ayer, . . . . .        | 11                       | 282.8                               | Frammingham, . . . .    | 42                       | 288.4                               |
| Barnstable, . . . . .  | 9                        | 240.6                               | Franklin, . . . . .     | 24                       | 282.4                               |
| Barre, . . . . .       | 7                        | 299.1                               | Gardner, . . . . .      | 54                       | 275.1                               |
| Becket, . . . . .      | 6                        | 280.0                               | Georgetown, . . . . .   | 7                        | 246.2                               |
| Belmont, . . . . .     | 6                        | 267.2                               | GLOUCESTER, . . . . .   | 81                       | 291.7                               |
| BEVERLY, . . . . .     | 55                       | 291.6                               | Grafton, . . . . .      | 11                       | 279.3                               |
| Billerica, . . . . .   | 8                        | 287.9                               | Great Barrington, . . . | 17                       | 291.7                               |
| Boston, . . . . .      | 2,427                    | 292.6                               | Greenfield, . . . . .   | 45                       | 293.7                               |
| Braintree, . . . . .   | 18                       | 298.0                               | Hanover, . . . . .      | 7                        | 276.9                               |
| Bridgewater, . . . . . | 17                       | 279.2                               | Hanson, . . . . .       | 4                        | 292.7                               |
| BROCKTON, . . . . .    | 208                      | 293.5                               | HAVERHILL, . . . . .    | 364                      | 290.6                               |
| Brookfield, . . . . .  | 4                        | 278.3                               | Hingham, . . . . .      | 8                        | 273.2                               |
| Brookline, . . . . .   | 16                       | 303.0                               | HOLYOKE, . . . . .      | 170                      | 288.6                               |
| CAMBRIDGE, . . . . .   | 285                      | 295.2                               | Hudson, . . . . .       | 27                       | 286.9                               |
| Canton, . . . . .      | 13                       | 290.8                               | Kingston, . . . . .     | 8                        | 278.5                               |
| Carver, . . . . .      | 7                        | 172.6                               | LAWRENCE, . . . . .     | 184                      | 295.7                               |
| CHELSEA, . . . . .     | 108                      | 291.4                               | Lee, . . . . .          | 18                       | 279.6                               |
| Chester, . . . . .     | 6                        | 279.7                               | Leicester, . . . . .    | 10                       | 278.7                               |
| CHICOPPE, . . . . .    | 49                       | 285.1                               | Leominster, . . . . .   | 69                       | 285.5                               |
| Clinton, . . . . .     | 27                       | 289.3                               | Lexington, . . . . .    | 6                        | 266.5                               |
| Concord, . . . . .     | 7                        | 287.3                               | LOWELL, . . . . .       | 249                      | 285.0                               |
| Dalton, . . . . .      | 8                        | 288.4                               | LYNN, . . . . .         | 402                      | 291.4                               |
| Danvers, . . . . .     | 24                       | 279.0                               | MALDEN, . . . . .       | 75                       | 287.6                               |
| Dartmouth, . . . . .   | 5                        | 184.4                               | Manchester, . . . . .   | 6                        | 285.5                               |
| Dedham, . . . . .      | 13                       | 285.9                               | Mansfield, . . . . .    | 22                       | 262.4                               |
| Deerfield, . . . . .   | 7                        | 251.6                               | Marblehead, . . . . .   | 24                       | 281.7                               |
| Dighton, . . . . .     | 9                        | 274.3                               | MARLBOROUGH, . . . .    | 35                       | 285.6                               |
|                        |                          |                                     | MEDFORD, . . . . .      | 38                       | 296.2                               |

TABLE VI. DAYS IN OPERATION — Concluded.

## B. THE STATE: BY CITIES AND TOWNS — Concluded.

| CITIES AND TOWNS.             | Number of Establishments | Average Number of Days in Operation | CITIES AND TOWNS.           | Number of Establishments | Average Number of Days in Operation |
|-------------------------------|--------------------------|-------------------------------------|-----------------------------|--------------------------|-------------------------------------|
| <b>The State — Con.</b>       |                          |                                     | <b>The State — Con.</b>     |                          |                                     |
| Medway, . . . . .             | 9                        | 273.7                               | Rockport, . . . . .         | 14                       | 241.3                               |
| MELROSE, . . . . .            | 21                       | 298.2                               | Rowley, . . . . .           | 8                        | 303.9                               |
| Merrimac, . . . . .           | 6                        | 293.2                               | SALEM, . . . . .            | 128                      | 291.3                               |
| Methuen, . . . . .            | 22                       | 238.3                               | Saugus, . . . . .           | 4                        | 223.8                               |
| Middleborough, . . . . .      | 26                       | 266.3                               | Shelburne, . . . . .        | 7                        | 258.5                               |
| Milford, . . . . .            | 48                       | 290.1                               | Shirley, . . . . .          | 5                        | 231.4                               |
| Millbury, . . . . .           | 24                       | 290.0                               | SOMERVILLE, . . . . .       | 120                      | 297.6                               |
| Milton, . . . . .             | 4                        | 235.0                               | South Hadley, . . . . .     | 11                       | 271.3                               |
| Monson, . . . . .             | 8                        | 273.3                               | Southbridge, . . . . .      | 30                       | 288.8                               |
| Montague, . . . . .           | 16                       | 281.0                               | Spencer, . . . . .          | 15                       | 300.5                               |
| Natick, . . . . .             | 33                       | 281.5                               | SPRINGFIELD, . . . . .      | 297                      | 294.5                               |
| Needham, . . . . .            | 19                       | 291.9                               | Stoneham, . . . . .         | 21                       | 291.7                               |
| NEW BEDFORD, . . . . .        | 201                      | 293.7                               | Stoughton, . . . . .        | 19                       | 282.2                               |
| NEWBURYPORT, . . . . .        | 53                       | 290.4                               | Swampscott, . . . . .       | 5                        | 282.0                               |
| NEWTON, . . . . .             | 45                       | 291.4                               | TAUNTON, . . . . .          | 102                      | 269.0                               |
| NORTH ADAMS, . . . . .        | 60                       | 302.0                               | Templeton, . . . . .        | 16                       | 252.7                               |
| North Andover, . . . . .      | 9                        | 304.0                               | Townsend, . . . . .         | 7                        | 272.8                               |
| North Attleborough, . . . . . | 65                       | 263.4                               | Uxbridge, . . . . .         | 11                       | 288.6                               |
| North Brookfield, . . . . .   | 8                        | 300.6                               | Wakefield, . . . . .        | 19                       | 293.6                               |
| North Reading, . . . . .      | 6                        | 303.0                               | Walpole, . . . . .          | 13                       | 274.5                               |
| NORTHAMPTON, . . . . .        | 61                       | 282.0                               | WALTHAM, . . . . .          | 75                       | 294.9                               |
| Northborough, . . . . .       | 4                        | 305.0                               | Ware, . . . . .             | 20                       | 298.1                               |
| Northbridge, . . . . .        | 15                       | 288.1                               | Wareham, . . . . .          | 13                       | 249.6                               |
| Norton, . . . . .             | 6                        | 248.3                               | Warren, . . . . .           | 6                        | 265.5                               |
| Norwood, . . . . .            | 22                       | 283.4                               | Watertown, . . . . .        | 15                       | 296.2                               |
| Orange, . . . . .             | 17                       | 279.9                               | Wellesley, . . . . .        | 6                        | 299.5                               |
| Oxford, . . . . .             | 8                        | 294.1                               | West Springfield, . . . . . | 17                       | 295.6                               |
| Palmer, . . . . .             | 18                       | 292.1                               | West Stockbridge, . . . . . | 9                        | 299.2                               |
| Peabody, . . . . .            | 79                       | 286.8                               | Westborough, . . . . .      | 14                       | 272.9                               |
| Pepperell, . . . . .          | 7                        | 255.4                               | Westfield, . . . . .        | 75                       | 289.0                               |
| PITTSFIELD, . . . . .         | 63                       | 293.8                               | Westford, . . . . .         | 16                       | 241.3                               |
| Plainville, . . . . .         | 6                        | 281.3                               | Weymouth, . . . . .         | 30                       | 285.8                               |
| Plymouth, . . . . .           | 25                       | 283.6                               | Whitman, . . . . .          | 19                       | 277.3                               |
| QUINCY, . . . . .             | 157                      | 284.9                               | Williamsburg, . . . . .     | 10                       | 290.6                               |
| Randolph, . . . . .           | 9                        | 290.9                               | Winchendon, . . . . .       | 19                       | 298.6                               |
| Raynham, . . . . .            | 10                       | 249.4                               | Winchester, . . . . .       | 16                       | 275.4                               |
| Reading, . . . . .            | 16                       | 285.1                               | Winthrop, . . . . .         | 5                        | 240.0                               |
| REVERE, . . . . .             | 13                       | 284.9                               | WOBURN, . . . . .           | 49                       | 290.7                               |
| Rochester, . . . . .          | 6                        | 215.6                               | WORCESTER, . . . . .        | 508                      | 290.7                               |
| Rockland, . . . . .           | 20                       | 278.6                               |                             |                          |                                     |



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# LAUNDRIES.

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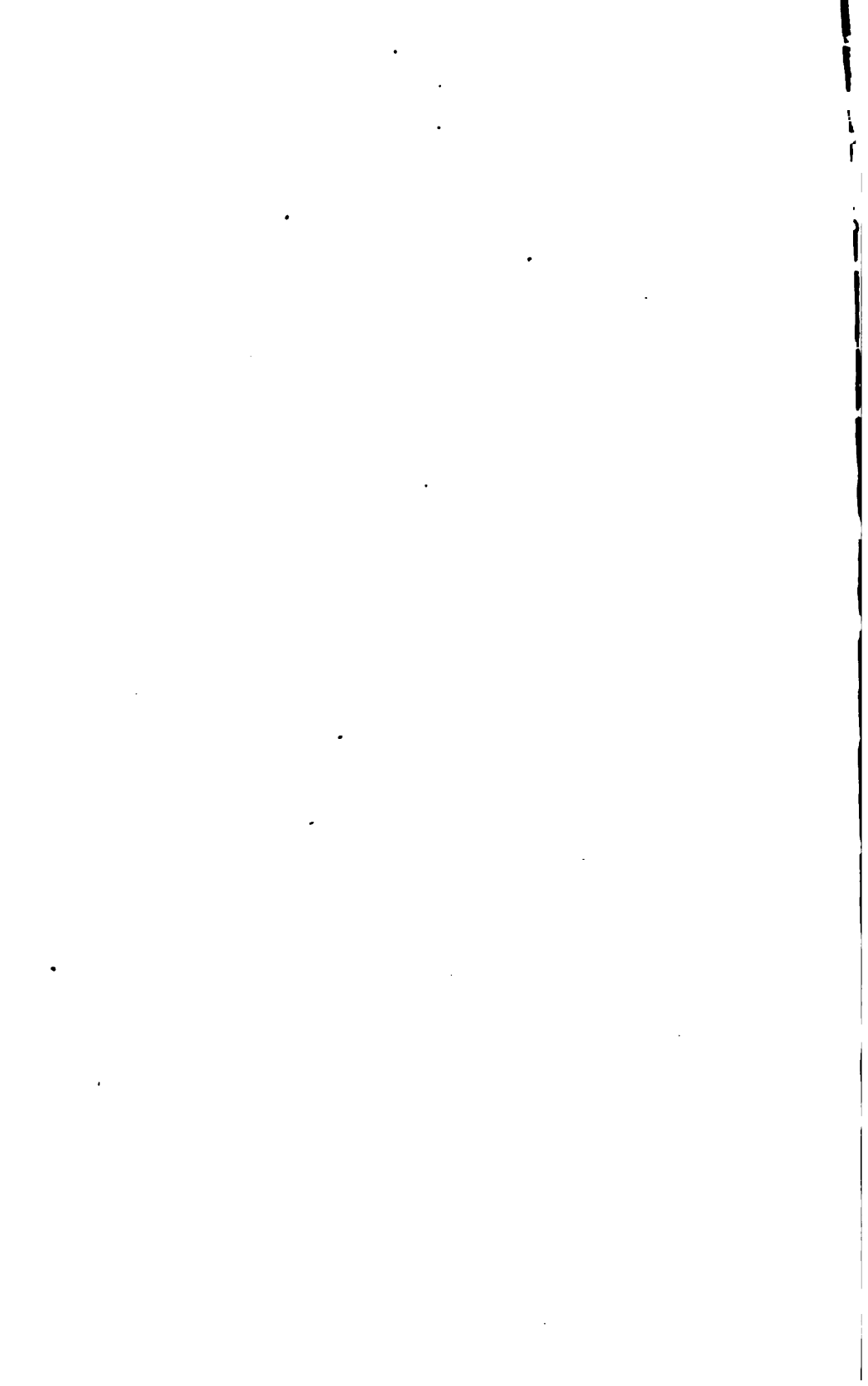


TABLE VII. STEAM LAUNDRIES — 1909-1915.

| CITIES AND TOWNS.  | Number of Establishments | Capital Invested | Cost of Materials Used | Average Number of Wage-earners | Wages Paid  | Value of Work Done |
|--------------------|--------------------------|------------------|------------------------|--------------------------------|-------------|--------------------|
| <b>The State.</b>  |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 280                      | \$2,951,025      | \$903,945              | 5,953                          | \$2,532,593 | \$5,754,579        |
| 1912, . . . . .    | 329                      | 4,120,438        | 1,087,794              | 7,357                          | 3,395,861   | 7,773,956          |
| 1913, . . . . .    | 377                      | 4,542,313        | 1,259,655              | 8,180                          | 3,894,570   | 8,781,836          |
| 1914, . . . . .    | 391                      | 4,696,798        | 1,391,900              | 7,771                          | 3,721,409   | 8,661,830          |
| 1915, . . . . .    | 376                      | 5,037,974        | 1,413,601              | 7,757                          | 3,973,761   | 8,675,570          |
| <b>ATTLEBORO.</b>  |                          |                  |                        |                                |             |                    |
| 1914, . . . . .    | 4                        | \$28,361         | \$5,041                | 40                             | \$18,904    | \$36,904           |
| 1915, . . . . .    | 4                        | 31,794           | 5,845                  | 43                             | 21,455      | 38,372             |
| <b>BEVERLY.</b>    |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 3                        | \$16,995         | \$6,023                | 44                             | \$12,014    | \$34,950           |
| 1912, . . . . .    | 4                        | 22,492           | 12,551                 | 84                             | 36,422      | 82,045             |
| 1913, . . . . .    | 4                        | 28,376           | 11,325                 | 78                             | 36,334      | 75,645             |
| 1914, . . . . .    | 4                        | 27,943           | 10,033                 | 66                             | 30,175      | 81,840             |
| 1915, . . . . .    | 4                        | 17,540           | 9,762                  | 74                             | 38,131      | 79,303             |
| <b>BOSTON.</b>     |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 561                      | \$712,354        | \$264,716              | 1,725                          | \$711,344   | \$1,601,131        |
| 1912, . . . . .    | 58                       | 991,344          | 287,179                | 2,093                          | 943,267     | 2,118,780          |
| 1913, . . . . .    | 63                       | 1,110,791        | 340,209                | 2,333                          | 1,062,680   | 2,411,416          |
| 1914, . . . . .    | 55                       | 1,108,103        | 363,223                | 2,127                          | 941,278     | 2,297,350          |
| 1915, . . . . .    | 57                       | 1,149,979        | 399,499                | 2,132                          | 1,068,852   | 2,286,669          |
| <b>BROCKTON.</b>   |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 3                        | \$51,687         | \$18,441               | 116                            | \$57,884    | \$115,368          |
| 1912, . . . . .    | 5                        | 79,625           | 21,373                 | 149                            | 82,260      | 164,117            |
| 1913, . . . . .    | 5                        | 73,141           | 21,322                 | 134                            | 88,610      | 165,501            |
| 1914, . . . . .    | 6                        | 120,999          | 18,825                 | 140                            | 81,475      | 160,609            |
| 1915, . . . . .    | 4                        | 150,543          | 24,682                 | 133                            | 75,798      | 155,880            |
| <b>CAMBRIDGE.</b>  |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 7                        | \$249,011        | \$67,235               | 491                            | \$216,961   | \$494,843          |
| 1912, . . . . .    | 8                        | 266,086          | 81,593                 | 531                            | 253,194     | 564,335            |
| 1913, . . . . .    | 9                        | 297,877          | 72,601                 | 518                            | 259,875     | 592,286            |
| 1914, . . . . .    | 9                        | 367,717          | 66,962                 | 448                            | 234,900     | 563,183            |
| 1915, . . . . .    | 8                        | 380,932          | 84,495                 | 498                            | 231,790     | 541,473            |
| <b>CHELSEA.</b>    |                          |                  |                        |                                |             |                    |
| 1914, . . . . .    | 4                        | \$31,200         | \$12,032               | 62                             | \$29,405    | \$64,440           |
| 1915, . . . . .    | 3                        | 23,638           | 9,600                  | 55                             | 32,153      | 65,500             |
| <b>CHICOPEE.</b>   |                          |                  |                        |                                |             |                    |
| 1914, . . . . .    | 3                        | \$16,916         | \$5,843                | 26                             | \$10,745    | \$38,175           |
| 1915, . . . . .    | 4                        | 18,470           | 6,246                  | 25                             | 12,776      | 32,755             |
| <b>EVERETT.</b>    |                          |                  |                        |                                |             |                    |
| 1914, . . . . .    | 3                        | \$31,782         | \$15,009               | 76                             | \$27,603    | \$82,352           |
| 1915, . . . . .    | 3                        | 31,030           | 14,576                 | 74                             | 37,734      | 79,373             |
| <b>FALL RIVER.</b> |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 10                       | \$198,243        | \$36,476               | 190                            | \$97,652    | \$216,838          |
| 1912, . . . . .    | 12                       | 223,941          | 44,453                 | 244                            | 107,372     | 243,005            |
| 1913, . . . . .    | 13                       | 242,382          | 51,543                 | 247                            | 128,224     | 299,194            |
| 1914, . . . . .    | 13                       | 263,308          | 63,111                 | 250                            | 137,099     | 302,077            |
| 1915, . . . . .    | 13                       | 248,329          | 64,652                 | 236                            | 135,973     | 304,129            |
| <b>FITCHBURG.</b>  |                          |                  |                        |                                |             |                    |
| 1909, . . . . .    | 4                        | \$17,211         | \$6,290                | 62                             | \$25,197    | \$52,096           |
| 1912, . . . . .    | 5                        | 33,709           | 16,513                 | 86                             | 34,600      | 75,448             |
| 1913, . . . . .    | 5                        | 35,960           | 9,862                  | 89                             | 36,197      | 79,102             |
| 1914, . . . . .    | 5                        | 37,198           | 12,851                 | 83                             | 36,529      | 68,252             |
| 1915, . . . . .    | 4                        | 30,820           | 7,931                  | 83                             | 35,083      | 64,657             |

<sup>1</sup> Including three laundries in Hyde Park, which was annexed to Boston in 1912.

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

| CITIES AND TOWNS.   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Cost of<br>Materials<br>Used | Average<br>Number<br>of Wage-<br>earners | Wages<br>Paid | Value<br>of Work<br>Done |
|---------------------|---------------------------------------|---------------------|------------------------------|--|---------------|--------------------------|
| <b>HAVERHILL.</b>   |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 6                                     | \$23,320            | \$10,469                     | 87                                       | \$40,940      | \$86,034                 |
| 1912, . . . . .     | 15                                    | 57,801              | 26,350                       | 146                                      | 75,670        | 153,227                  |
| 1913, . . . . .     | 15                                    | 99,855              | 24,443                       | 174                                      | 79,213        | 178,597                  |
| 1914, . . . . .     | 16                                    | 65,050              | 32,192                       | 171                                      | 82,007        | 180,000                  |
| 1915, . . . . .     | 16                                    | 76,198              | 27,084                       | 164                                      | 86,941        | 183,061                  |
| <b>HOLYOKE.</b>     |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 4                                     | \$72,610            | \$19,605                     | 78                                       | \$39,800      | \$82,800                 |
| 1912, . . . . .     | 5                                     | 99,863              | 18,528                       | 79                                       | 38,312        | 109,698                  |
| 1913, . . . . .     | 5                                     | 115,357             | 16,070                       | 94                                       | 45,990        | 113,617                  |
| 1914, . . . . .     | 5                                     | 88,030              | 16,242                       | 68                                       | 36,312        | 95,481                   |
| 1915, . . . . .     | 5                                     | 104,847             | 14,572                       | 73                                       | 35,129        | 92,420                   |
| <b>LAWRENCE.</b>    |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 9                                     | \$40,320            | \$10,679                     | 68                                       | \$26,024      | \$66,405                 |
| 1912, . . . . .     | 10                                    | 62,370              | 17,283                       | 104                                      | 46,649        | 148,780                  |
| 1913, . . . . .     | 9                                     | 54,086              | 23,292                       | 112                                      | 54,191        | 132,250                  |
| 1914, . . . . .     | 11                                    | 64,900              | 23,535                       | 123                                      | 58,504        | 132,377                  |
| 1915, . . . . .     | 10                                    | 65,141              | 24,182                       | 107                                      | 54,187        | 118,952                  |
| <b>LEOMINSTER.</b>  |                                       |                     |                              |  |               |                          |
| 1914, . . . . .     | 3                                     | \$13,335            | \$2,578                      | 35                                       | \$14,895      | \$33,500                 |
| 1915, . . . . .     | 3                                     | 13,550              | 5,889                        | 30                                       | 15,534        | 36,125                   |
| <b>LOWELL.</b>      |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 9                                     | \$54,314            | \$30,974                     | 188                                      | \$80,577      | \$170,085                |
| 1912, . . . . .     | 9                                     | 107,560             | 17,344                       | 186                                      | 75,402        | 185,868                  |
| 1913, . . . . .     | 10                                    | 80,950              | 26,092                       | 212                                      | 85,874        | 178,397                  |
| 1914, . . . . .     | 9                                     | 66,955              | 33,810                       | 217                                      | 94,742        | 199,347                  |
| 1915, . . . . .     | 9                                     | 82,960              | 48,164                       | 219                                      | 97,802        | 221,975                  |
| <b>LYNN.</b>        |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 10                                    | \$107,874           | \$48,178                     | 270                                      | \$118,929     | \$276,314                |
| 1912, . . . . .     | 12                                    | 167,764             | 41,032                       | 323                                      | 146,696       | 334,537                  |
| 1913, . . . . .     | 14                                    | 208,990             | 48,010                       | 332                                      | 164,432       | 353,751                  |
| 1914, . . . . .     | 16                                    | 257,228             | 44,967                       | 348                                      | 151,526       | 358,088                  |
| 1915, . . . . .     | 16                                    | 291,475             | 50,220                       | 299                                      | 157,990       | 345,436                  |
| <b>MALDEN.</b>      |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 3                                     | \$14,000            | \$5,274                      | 82                                       | \$42,349      | \$64,986                 |
| 1912, . . . . .     | 4                                     | 37,249              | 12,372                       | 97                                       | 50,450        | 93,466                   |
| 1913, . . . . .     | 5                                     | 40,514              | 15,527                       | 123                                      | 66,432        | 118,844                  |
| 1914, . . . . .     | 4                                     | 42,549              | 26,299                       | 122                                      | 54,000        | 119,937                  |
| 1915, . . . . .     | 5                                     | 34,610              | 17,748                       | 181                                      | 71,159        | 121,374                  |
| <b>MELROSE.</b>     |                                       |                     |                              |  |               |                          |
| 1914, . . . . .     | 3                                     | \$9,860             | \$4,874                      | 17                                       | \$9,187       | \$25,996                 |
| 1915, . . . . .     | 3                                     | 12,996              | 3,245                        | 16                                       | 8,561         | 26,160                   |
| <b>METHUEN.</b>     |                                       |                     |                              |  |               |                          |
| 1914, . . . . .     | 3                                     | \$14,643            | \$4,167                      | 51                                       | \$22,834      | \$36,651                 |
| 1915, . . . . .     | 3                                     | 15,275              | 4,740                        | 51                                       | 22,969        | 43,600                   |
| <b>NATICK.</b>      |                                       |                     |                              |  |               |                          |
| 1914, . . . . .     | 3                                     | \$19,050            | \$3,690                      | 24                                       | \$11,363      | \$27,400                 |
| 1915, . . . . .     | 3                                     | 16,260              | 4,180                        | 25                                       | 11,330        | 28,105                   |
| <b>NEW BEDFORD.</b> |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 10                                    | \$76,374            | \$27,299                     | 180                                      | \$85,740      | \$175,172                |
| 1912, . . . . .     | 14                                    | 198,096             | 36,141                       | 226                                      | 121,455       | 260,400                  |
| 1913, . . . . .     | 14                                    | 157,273             | 51,379                       | 249                                      | 138,875       | 312,358                  |
| 1914, . . . . .     | 13                                    | 142,976             | 47,846                       | 229                                      | 126,809       | 294,490                  |
| 1915, . . . . .     | 15                                    | 189,758             | 50,431                       | 254                                      | 148,981       | 343,297                  |
| <b>NEWBURYPORT.</b> |                                       |                     |                              |  |               |                          |
| 1909, . . . . .     | 8                                     | \$10,761            | \$3,213                      | 25                                       | \$10,021      | \$26,253                 |
| 1912, . . . . .     | 5                                     | 19,968              | 6,068                        | 39                                       | 16,077        | 46,070                   |
| 1913, . . . . .     | 6                                     | 22,872              | 4,025                        | 40                                       | 18,857        | 47,140                   |
| 1914, . . . . .     | 5                                     | 17,340              | 8,285                        | 38                                       | 17,390        | 41,980                   |
| 1915, . . . . .     | 5                                     | 15,312              | 7,510                        | 50                                       | 24,089        | 47,284                   |

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

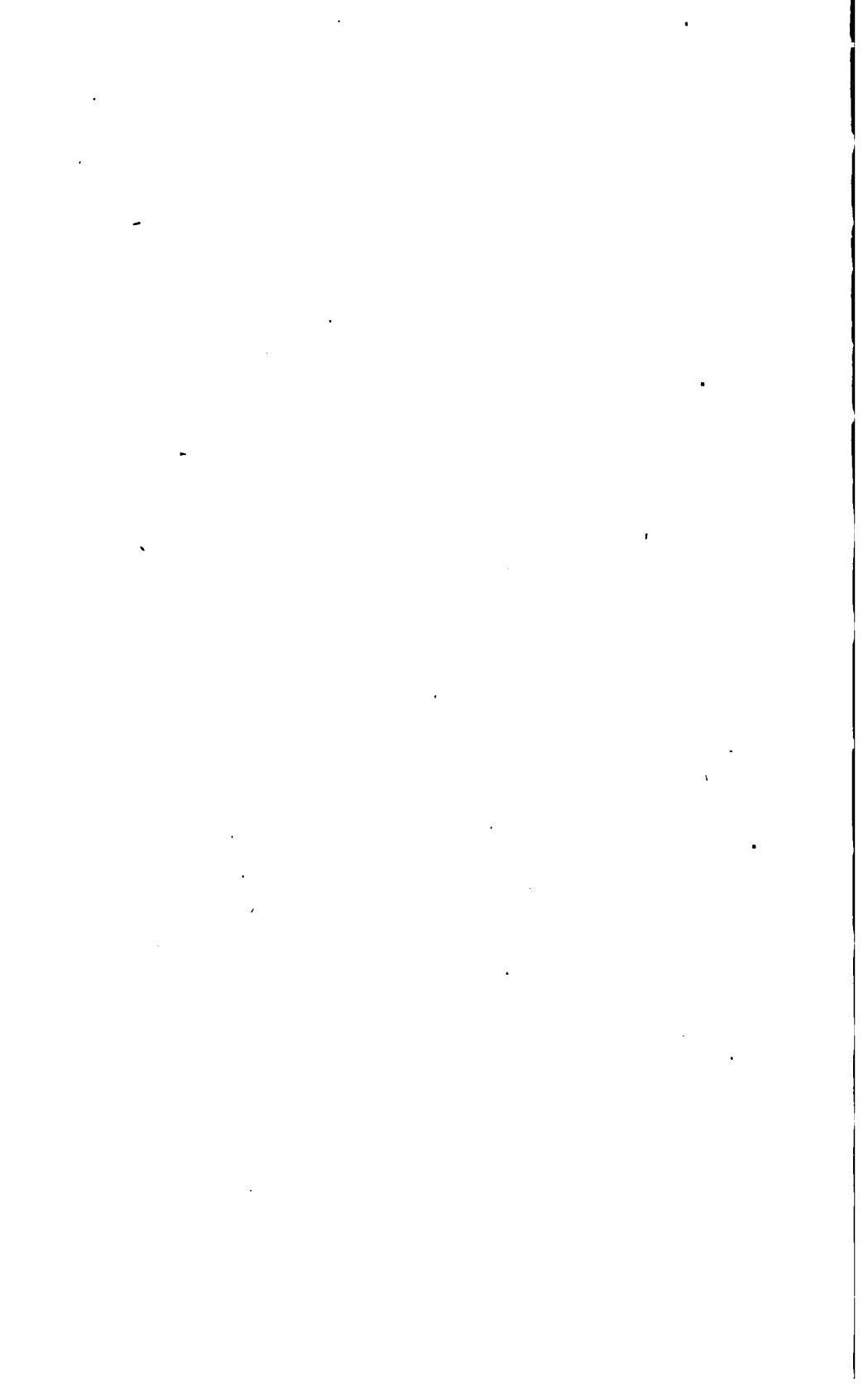
| CITIES AND TOWNS.              |   | Number<br>of Es-<br>tablish-<br>ments | Capital<br>Invested | Cost of<br>Materials<br>Used | Average<br>Number<br>of Wage-<br>earners | Wages<br>Paid | Value<br>of Work<br>Done |
|--------------------------------|---|---------------------------------------|---------------------|------------------------------|--|---------------|--------------------------|
| <b>NORTH ADAMS.</b>            |   |                                       |                     |                              |  |               |                          |
| 1914.                          | . | 4                                     | \$41,103            | \$11,240                     | 65                                       | \$29,340      | \$62,366                 |
| 1915.                          | . | 4                                     | 49,285              | 10,492                       | 68                                       | 29,579        | 68,696                   |
| <b>NORTHAMPTON.</b>            |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 3                                     | \$15,657            | \$6,320                      | 39                                       | \$15,281      | \$31,551                 |
| 1912.                          | . | 3                                     | 23,312              | 3,967                        | 44                                       | 18,956        | 43,000                   |
| 1913.                          | . | 3                                     | 21,580              | 5,862                        | 51                                       | 22,478        | 46,872                   |
| 1914.                          | . | 4                                     | 16,018              | 7,820                        | 53                                       | 23,390        | 50,734                   |
| 1915.                          | . | 4                                     | 18,770              | 5,609                        | 54                                       | 24,396        | 46,143                   |
| <b>PITTSFIELD.</b>             |   |                                       |                     |                              |  |               |                          |
| 1914.                          | . | 3                                     | \$37,016            | \$8,787                      | 51                                       | \$27,041      | \$52,764                 |
| 1915.                          | . | 3                                     | 36,350              | 8,805                        | 47                                       | 25,136        | 48,952                   |
| <b>QUINCY.</b>                 |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 4                                     | \$36,838            | \$11,850                     | 40                                       | \$20,666      | \$56,398                 |
| 1912.                          | . | 5                                     | 39,465              | 7,570                        | 54                                       | 28,668        | 66,298                   |
| 1913.                          | . | 5                                     | 41,705              | 10,299                       | 59                                       | 33,213        | 74,325                   |
| 1914.                          | . | 7                                     | 51,730              | 14,985                       | 69                                       | 34,668        | 86,516                   |
| 1915.                          | . | 4                                     | 31,832              | 10,146                       | 51                                       | 31,467        | 61,994                   |
| <b>SALEM.</b>                  |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 3                                     | \$31,736            | \$16,598                     | 149                                      | \$69,614      | \$152,212                |
| 1912.                          | . | 4                                     | 44,584              | 23,283                       | 147                                      | 77,173        | 163,343                  |
| 1913.                          | . | 4                                     | 49,459              | 23,768                       | 148                                      | 77,699        | 167,652                  |
| 1914.                          | . | 5                                     | 62,298              | 22,535                       | 152                                      | 82,714        | 176,825                  |
| 1915.                          | . | 4                                     | 100,747             | 17,908                       | 148                                      | 81,705        | 173,575                  |
| <b>SOMERVILLE.</b>             |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 5                                     | \$32,415            | \$8,822                      | 59                                       | \$26,977      | \$64,676                 |
| 1912.                          | . | 5                                     | 17,195              | 12,106                       | 65                                       | 32,649        | 97,375                   |
| 1913.                          | . | 4                                     | 19,176              | 14,931                       | 66                                       | 36,210        | 96,384                   |
| 1914.                          | . | 5                                     | 19,916              | 19,908                       | 66                                       | 40,894        | 96,781                   |
| 1915.                          | . | 6                                     | 35,569              | 19,674                       | 86                                       | 46,581        | 117,283                  |
| <b>SPRINGFIELD.</b>            |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 12                                    | \$163,663           | \$36,303                     | 252                                      | \$97,496      | \$284,732                |
| 1912.                          | . | 11                                    | 250,029             | 51,771                       | 336                                      | 170,613       | 399,441                  |
| 1913.                          | . | 12                                    | 273,008             | 68,260                       | 422                                      | 212,220       | 472,474                  |
| 1914.                          | . | 13                                    | 278,335             | 57,299                       | 358                                      | 182,159       | 431,202                  |
| 1915.                          | . | 14                                    | 336,023             | 65,953                       | 383                                      | 190,937       | 419,865                  |
| <b>TAUNTON.</b>                |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 5                                     | \$42,775            | \$13,238                     | 92                                       | \$34,508      | \$72,216                 |
| 1912.                          | . | 4                                     | 80,770              | 12,800                       | 94                                       | 39,034        | 87,555                   |
| 1913.                          | . | 4                                     | 81,235              | 15,740                       | 92                                       | 41,591        | 95,711                   |
| 1914.                          | . | 5                                     | 58,325              | 27,962                       | 95                                       | 47,319        | 103,066                  |
| 1915.                          | . | 5                                     | 61,563              | 15,811                       | 102                                      | 44,137        | 96,855                   |
| <b>WALTHAM.</b>                |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 3                                     | \$34,422            | \$10,416                     | 75                                       | \$31,536      | \$73,708                 |
| 1914.                          | . | 3                                     | 27,501              | 12,475                       | 100                                      | 51,726        | 115,399                  |
| 1915.                          | . | 3                                     | 36,670              | 12,178                       | 84                                       | 40,579        | 105,658                  |
| <b>WATERTOWN.</b>              |   |                                       |                     |                              |  |               |                          |
| 1914.                          | . | 4                                     | \$87,091            | \$44,829                     | 272                                      | \$147,265     | \$270,696                |
| 1915.                          | . | 4                                     | 101,209             | 40,960                       | 225                                      | 131,358       | 254,731                  |
| <b>WORCESTER.</b>              |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 13                                    | \$174,255           | \$59,656                     | 387                                      | \$144,116     | \$316,215                |
| 1912.                          | . | 12                                    | 247,766             | 71,135                       | 405                                      | 194,965       | 420,738                  |
| 1913.                          | . | 12                                    | 270,404             | 75,193                       | 414                                      | 190,790       | 439,221                  |
| 1914.                          | . | 11                                    | 254,079             | 84,796                       | 358                                      | 184,063       | 416,376                  |
| 1915.                          | . | 11                                    | 250,457             | 75,341                       | 383                                      | 186,049       | 430,253                  |
| <b>OTHER CITIES AND TOWNS.</b> |   |                                       |                     |                              |  |               |                          |
| 1909.                          | . | 95                                    | \$673,795           | \$185,775                    | 1,299                                    | \$576,907     | \$1,240,594              |
| 1912.                          | . | 118                                   | 1,049,599           | 266,832                      | 1,825                                    | 815,982       | 1,927,460                |
| 1913.                          | . | 156                                   | 1,217,132           | 330,502                      | 2,173                                    | 1,016,645     | 2,336,089                |
| 1914.                          | . | 130                                   | 926,943             | 257,359                      | 1,371                                    | 662,548       | 1,583,736                |
| 1915.                          | . | 117                                   | 980,729             | 246,171                      | 1,365                                    | 719,420       | 1,595,165                |



Classified Weekly Wages (Rates). General Laundries — 1915.

| SEX AND AGE. |  | Aggre-<br>gates | Un-<br>der<br>\$3 | \$3<br>but<br>under<br>\$4 | \$4<br>but<br>under<br>\$5 | \$5<br>but<br>under<br>\$6 | \$6<br>but<br>under<br>\$7 | \$7<br>but<br>under<br>\$8 | \$8<br>but<br>under<br>\$9 | \$9<br>but<br>under<br>\$10 | \$10<br>but<br>under<br>\$11 | \$11<br>but<br>under<br>\$12 | \$12<br>but<br>under<br>\$13 | \$13<br>but<br>under<br>\$14 | \$14<br>but<br>under<br>\$15 | \$15<br>but<br>under<br>\$16 | \$16<br>but<br>under<br>\$18 | \$18<br>but<br>under<br>\$20 | \$20<br>but<br>under<br>\$25 | \$25<br>but<br>under<br>\$30 | \$30<br>but<br>under<br>\$35 | \$35<br>but<br>under<br>\$40 | \$40<br>but<br>under<br>\$45 | \$45<br>but<br>under<br>\$50 | \$50<br>but<br>under<br>\$55 | \$55<br>but<br>under<br>\$60 | \$60<br>but<br>under<br>\$65 | \$65<br>but<br>under<br>\$70 | \$70<br>but<br>under<br>\$75 | \$75<br>but<br>under<br>\$80 | \$80<br>but<br>under<br>\$85 | \$85<br>but<br>under<br>\$90 | \$90<br>but<br>under<br>\$95 | \$95<br>but<br>under<br>\$100 | \$100<br>but<br>under<br>\$105 | \$105<br>but<br>under<br>\$110 | \$110<br>but<br>under<br>\$115 | \$115<br>but<br>under<br>\$120 | \$120<br>but<br>under<br>\$125 | \$125<br>but<br>under<br>\$130 | \$130<br>but<br>under<br>\$135 | \$135<br>but<br>under<br>\$140 | \$140<br>but<br>under<br>\$145 | \$145<br>but<br>under<br>\$150 | \$150<br>but<br>under<br>\$155 | \$155<br>but<br>under<br>\$160 | \$160<br>but<br>under<br>\$165 | \$165<br>but<br>under<br>\$170 | \$170<br>but<br>under<br>\$175 | \$175<br>but<br>under<br>\$180 | \$180<br>but<br>under<br>\$185 | \$185<br>but<br>under<br>\$190 | \$190<br>but<br>under<br>\$195 | \$195<br>but<br>under<br>\$200 | \$200<br>but<br>under<br>\$205 | \$205<br>but<br>under<br>\$210 | \$210<br>but<br>under<br>\$215 | \$215<br>but<br>under<br>\$220 | \$220<br>but<br>under<br>\$225 | \$225<br>but<br>under<br>\$230 | \$230<br>but<br>under<br>\$235 | \$235<br>but<br>under<br>\$240 | \$240<br>but<br>under<br>\$245 | \$245<br>but<br>under<br>\$250 | \$250<br>but<br>under<br>\$255 | \$255<br>but<br>under<br>\$260 | \$260<br>but<br>under<br>\$265 | \$265<br>but<br>under<br>\$270 | \$270<br>but<br>under<br>\$275 | \$275<br>but<br>under<br>\$280 | \$280<br>but<br>under<br>\$285 | \$285<br>but<br>under<br>\$290 | \$290<br>but<br>under<br>\$295 | \$295<br>but<br>under<br>\$300 | \$300<br>but<br>under<br>\$305 | \$305<br>but<br>under<br>\$310 | \$310<br>but<br>under<br>\$315 | \$315<br>but<br>under<br>\$320 | \$320<br>but<br>under<br>\$325 | \$325<br>but<br>under<br>\$330 | \$330<br>but<br>under<br>\$335 | \$335<br>but<br>under<br>\$340 | \$340<br>but<br>under<br>\$345 | \$345<br>but<br>under<br>\$350 | \$350<br>but<br>under<br>\$355 | \$355<br>but<br>under<br>\$360 | \$360<br>but<br>under<br>\$365 | \$365<br>but<br>under<br>\$370 | \$370<br>but<br>under<br>\$375 | \$375<br>but<br>under<br>\$380 | \$380<br>but<br>under<br>\$385 | \$385<br>but<br>under<br>\$390 | \$390<br>but<br>under<br>\$395 | \$395<br>but<br>under<br>\$400 | \$400<br>but<br>under<br>\$405 | \$405<br>but<br>under<br>\$410 | \$410<br>but<br>under<br>\$415 | \$415<br>but<br>under<br>\$420 | \$420<br>but<br>under<br>\$425 | \$425<br>but<br>under<br>\$430 | \$430<br>but<br>under<br>\$435 | \$435<br>but<br>under<br>\$440 | \$440<br>but<br>under<br>\$445 | \$445<br>but<br>under<br>\$450 | \$450<br>but<br>under<br>\$455 | \$455<br>but<br>under<br>\$460 | \$460<br>but<br>under<br>\$465 | \$465<br>but<br>under<br>\$470 | \$470<br>but<br>under<br>\$475 | \$475<br>but<br>under<br>\$480 | \$480<br>but<br>under<br>\$485 | \$485<br>but<br>under<br>\$490 | \$490<br>but<br>under<br>\$495 | \$495<br>but<br>under<br>\$500 | \$500<br>but<br>under<br>\$505 | \$505<br>but<br>under<br>\$510 | \$510<br>but<br>under<br>\$515 | \$515<br>but<br>under<br>\$520 | \$520<br>but<br>under<br>\$525 | \$525<br>but<br>under<br>\$530 | \$530<br>but<br>under<br>\$535 | \$535<br>but<br>under<br>\$540 | \$540<br>but<br>under<br>\$545 | \$545<br>but<br>under<br>\$550 | \$550<br>but<br>under<br>\$555 | \$555<br>but<br>under<br>\$560 | \$560<br>but<br>under<br>\$565 | \$565<br>but<br>under<br>\$570 | \$570<br>but<br>under<br>\$575 | \$575<br>but<br>under<br>\$580 | \$580<br>but<br>under<br>\$585 | \$585<br>but<br>under<br>\$590 | \$590<br>but<br>under<br>\$595 | \$595<br>but<br>under<br>\$600 | \$600<br>but<br>under<br>\$605 | \$605<br>but<br>under<br>\$610 | \$610<br>but<br>under<br>\$615 | \$615<br>but<br>under<br>\$620 | \$620<br>but<br>under<br>\$625 | \$625<br>but<br>under<br>\$630 | \$630<br>but<br>under<br>\$635 | \$635<br>but<br>under<br>\$640 | \$640<br>but<br>under<br>\$645 | \$645<br>but<br>under<br>\$650 | \$650<br>but<br>under<br>\$655 | \$655<br>but<br>under<br>\$660 | \$660<br>but<br>under<br>\$665 | \$665<br>but<br>under<br>\$670 | \$670<br>but<br>under<br>\$675 | \$675<br>but<br>under<br>\$680 | \$680<br>but<br>under<br>\$685 | \$685<br>but<br>under<br>\$690 | \$690<br>but<br>under<br>\$695 | \$695<br>but<br>under<br>\$700 | \$700<br>but<br>under<br>\$705 | \$705<br>but<br>under<br>\$710 | \$710<br>but<br>under<br>\$715 | \$715<br>but<br>under<br>\$720 | \$720<br>but<br>under<br>\$725 | \$725<br>but<br>under<br>\$730 | \$730<br>but<br>under<br>\$735 | \$735<br>but<br>under<br>\$740 | \$740<br>but<br>under<br>\$745 | \$745<br>but<br>under<br>\$750 | \$750<br>but<br>under<br>\$755 | \$755<br>but<br>under<br>\$760 | \$760<br>but<br>under<br>\$765 | \$765<br>but<br>under<br>\$770 | \$770<br>but<br>under<br>\$775 | \$775<br>but<br>under<br>\$780 | \$780<br>but<br>under<br>\$785 | \$785<br>but<br>under<br>\$790 | \$790<br>but<br>under<br>\$795 | \$795<br>but<br>under<br>\$800 | \$800<br>but<br>under<br>\$805 | \$805<br>but<br>under<br>\$810 | \$810<br>but<br>under<br>\$815 | \$815<br>but<br>under<br>\$820 | \$820<br>but<br>under<br>\$825 | \$825<br>but<br>under<br>\$830 | \$830<br>but<br>under<br>\$835 | \$835<br>but<br>under<br>\$840 | \$840<br>but<br>under<br>\$845 | \$845<br>but<br>under<br>\$850 | \$850<br>but<br>under<br>\$855 | \$855<br>but<br>under<br>\$860 | \$860<br>but<br>under<br>\$865 | \$865<br>but<br>under<br>\$870 | \$870<br>but<br>under<br>\$875 | \$875<br>but<br>under<br>\$880 | \$880<br>but<br>under<br>\$885 | \$885<br>but<br>under<br>\$890 | \$890<br>but<br>under<br>\$895 | \$895<br>but<br>under<br>\$900 | \$900<br>but<br>under<br>\$905 | \$905<br>but<br>under<br>\$910 | \$910<br>but<br>under<br>\$915 | \$915<br>but<br>under<br>\$920 | \$920<br>but<br>under<br>\$925 | \$925<br>but<br>under<br>\$930 | \$930<br>but<br>under<br>\$935 | \$935<br>but<br>under<br>\$940 | \$940<br>but<br>under<br>\$945 | \$945<br>but<br>under<br>\$950 | \$950<br>but<br>under<br>\$955 | \$955<br>but<br>under<br>\$960 | \$960<br>but<br>under<br>\$965 | \$965<br>but<br>under<br>\$970 | \$970<br>but<br>under<br>\$975 | \$975<br>but<br>under<br>\$980 | \$980<br>but<br>under<br>\$985 | \$985<br>but<br>under<br>\$990 | \$990<br>but<br>under<br>\$995 | \$995<br>but<br>under<br>\$1000 | \$1000<br>but<br>under<br>\$1005 | \$1005<br>but<br>under<br>\$1010 | \$1010<br>but<br>under<br>\$1015 | \$1015<br>but<br>under<br>\$1020 | \$1020<br>but<br>under<br>\$1025 | \$1025<br>but<br>under<br>\$1030 | \$1030<br>but<br>under<br>\$1035 | \$1035<br>but<br>under<br>\$1040 | \$1040<br>but<br>under<br>\$1045 | \$1045<br>but<br>under<br>\$1050 | \$1050<br>but<br>under<br>\$1055 | \$1055<br>but<br>under<br>\$1060 | \$1060<br>but<br>under<br>\$1065 | \$1065<br>but<br>under<br>\$1070 | \$1070<br>but<br>under<br>\$1075 | \$1075<br>but<br>under<br>\$1080 | \$1080<br>but<br>under<br>\$1085 | \$1085<br>but<br>under<br>\$1090 | \$1090<br>but<br>under<br>\$1095 | \$1095<br>but<br>under<br>\$1100 | \$1100<br>but<br>under<br>\$1105 | \$1105<br>but<br>under<br>\$1110 | \$1110<br>but<br>under<br>\$1115 | \$1115<br>but<br>under<br>\$1120 | \$1120<br>but<br>under<br>\$1125 | \$1125<br>but<br>under<br>\$1130 | \$1130<br>but<br>under<br>\$1135 | \$1135<br>but<br>under<br>\$1140 | \$1140<br>but<br>under<br>\$1145 | \$1145<br>but<br>under<br>\$1150 | \$1150<br>but<br>under<br>\$1155 | \$1155<br>but<br>under<br>\$1160 | \$1160<br>but<br>under<br>\$1165 | \$1165<br>but<br>under<br>\$1170 | \$1170<br>but<br>under<br>\$1175 | \$1175<br>but<br>under<br>\$1180 | \$1180<br>but<br>under<br>\$1185 | \$1185<br>but<br>under<br>\$1190 | \$1190<br>but<br>under<br>\$1195 | \$1195<br>but<br>under<br>\$1200 | \$1200<br>but<br>under<br>\$1205 | \$1205<br>but<br>under<br>\$1210 | \$1210<br>but<br>under<br>\$1215 | \$1215<br>but<br>under<br>\$1220 | \$1220<br>but<br>under<br>\$1225 | \$1225<br>but<br>under<br>\$1230 | \$1230<br>but<br>under<br>\$1235 | \$1235<br>but<br>under<br>\$1240 | \$1240<br>but<br>under<br>\$1245 | \$1245<br>but<br>under<br>\$1250 | \$1250<br>but<br>under<br>\$1255 | \$1255<br>but<br>under<br>\$1260 | \$1260<br>but<br>under<br>\$1265 | \$1265<br>but<br>under<br>\$1270 | \$1270<br>but<br>under<br>\$1275 | \$1275<br>but<br>under<br>\$1280 | \$1280<br>but<br>under<br>\$1285 | \$1285<br>but<br>under<br>\$1290 | \$1290<br>but<br>under<br>\$1295 | \$1295<br>but<br>under<br>\$1300 | \$1300<br>but<br>under<br>\$1305 | \$1305<br>but<br>under<br>\$1310 | \$1310<br>but<br>under<br>\$1315 | \$1315<br>but<br>under<br>\$1320 | \$1320<br>but<br>under<br>\$1325 | \$1325<br>but<br>under<br>\$1330 | \$1330<br>but<br>under<br>\$1335 | \$1335<br>but<br>under<br>\$1340 | \$1340<br>but<br>under<br>\$1345 | \$1345<br>but<br>under<br>\$1350 | \$1350<br>but<br>under<br>\$1355 | \$1355<br>but<br>under<br>\$1360 | \$1360<br>but<br>under<br>\$1365 | \$1365<br>but<br>under<br>\$1370 | \$1370<br>but<br>under<br>\$1375 | \$1375<br>but<br>under<br>\$1380 | \$1380<br>but<br>under<br>\$1385 | \$1385<br>but<br>under<br>\$1390 | \$1390<br>but<br>under<br>\$1395 | \$1395<br>but<br>under<br>\$1400 | \$1400<br>but<br>under<br>\$1405 | \$1405<br>but<br>under<br>\$1410 | \$1410<br>but<br>under<br>\$1415 | \$1415<br>but<br>under<br>\$1420 | \$1420<br>but<br>under<br>\$1425 | \$1425<br>but<br>under<br>\$1430 | \$1430<br>but<br>under<br>\$1435 | \$1435<br>but<br>under<br>\$1440 | \$1440<br>but<br>under<br>\$1445 | \$1445<br>but<br>under<br>\$1450 | \$1450<br>but<br>under<br>\$1455 | \$1455<br>but<br>under<br>\$1460 | \$1460<br>but<br>under<br>\$1465 | \$1465<br>but<br>under<br>\$1470 | \$1470<br>but<br>under<br>\$1475 | \$1475<br>but<br>under<br>\$1480 | \$1480<br>but<br>under<br>\$1485 | \$1485<br>but<br>under<br>\$1490 | \$1490<br>but<br>under<br>\$1495 | \$1495<br>but<br>under<br>\$1500 | \$1500<br>but<br>under<br>\$1505 | \$1505<br>but<br>under<br>\$1510 | \$1510<br>but<br>under<br>\$1515 | \$1515<br>but<br>under<br>\$1520 | \$1520<br>but<br>under<br>\$1525 | \$1525<br>but<br>under<br>\$1530 | \$1530<br>but<br>under<br>\$1535 | \$1535<br>but<br>under<br>\$1540 | \$1540<br>but<br>under<br>\$1545 | \$1545<br>but<br>under<br>\$1550 | \$1550<br>but<br>under<br>\$1555 | \$1555<br>but<br>under<br>\$1560 | \$1560<br>but<br>under<br>\$1565 | \$1565<br>but<br>under<br>\$1570 | \$1570<br>but<br>under<br>\$1575 | \$1575<br>but<br>under<br>\$1580 | \$1580<br>but<br>under<br>\$1585 | \$1585<br>but<br>under<br>\$1590 | \$1590<br>but<br>under<br>\$1595 | \$1595<br>but<br>under<br>\$1600 | \$1600<br>but<br>under<br>\$1605 | \$1605<br>but<br>under<br>\$1610 | \$1610<br>but<br>under<br>\$1615 | \$1615<br>but<br>under<br>\$1620 | \$1620<br>but<br>under<br>\$1625 | \$1625<br>but<br>under<br>\$1630 | \$1630<br>but<br>under<br>\$1635 | \$1635<br>but<br>under<br>\$1640 | \$1640<br>but<br>under<br>\$1645 | \$1645<br>but<br>under<br>\$1650 | \$1650<br>but<br>under<br>\$1655 | \$1655<br>but<br>under<br>\$1660 | \$1660<br>but<br>under<br>\$1665 | \$1665<br>but<br>under<br>\$1670 | \$1670<br>but<br>under<br>\$1675 | \$1675<br>but<br>under<br>\$1680 | \$1680<br>but<br>under<br>\$1685 | \$1685<br>but<br>under<br>\$1690 | \$1690<br>but<br>under<br>\$1695 | \$1695<br>but<br>under<br>\$1700 | \$1700<br>but<br>under<br>\$1705 | \$1705<br>but<br>under<br>\$1710 | \$1710<br>but<br>under<br>\$1715 | \$1715<br>but<br>under<br>\$1720 | \$1720<br>but<br>under<br>\$1725 | \$1725<br>but<br>under<br>\$1730 | \$1730<br>but<br>under<br>\$1735 | \$1735<br>but<br>under<br>\$1740 | \$1740<br>but<br>under<br>\$1745 | \$1745<br>but<br>under<br>\$1750 | \$1750<br>but<br>under<br>\$1755 | \$1755<br>but<br>under<br>\$1760 | \$1760<br>but<br>under<br>\$1765 | \$1765<br>but<br>under<br>\$1770 | \$1770<br>but<br>under<br>\$1775 | \$1775<br>but<br>under<br>\$1780 | \$1780<br>but<br>under<br>\$1785 | \$1785<br>but<br>under<br>\$1790 | \$1790<br>but<br>under<br>\$1795 | \$1795<br>but<br>under<br>\$1800 | \$1800<br>but<br>under<br>\$1805 | \$1805<br>but<br>under<br>\$1810 | \$1810<br>but<br>under<br>\$1815 | \$1815<br>but<br>under<br>\$1820 | \$1820<br>but<br>under<br>\$1825 | \$1825<br>but<br>under<br>\$1830 | \$1830<br>but<br>under<br>\$1835 | \$1835<br>but<br>under<br>\$1840 | \$1840<br>but<br>under<br>\$1845 | \$1845<br>but<br>under<br>\$1850 | \$1850<br>but<br>under<br>\$1855 | \$1855<br>but<br>under<br>\$1860 | \$1860<br>but<br>under<br>\$1865 | \$1865<br>but<br>under<br>\$1870 | \$1870<br>but<br>under<br>\$1875 | \$1875<br>but<br>under<br>\$1880 | \$1880<br>but<br>under<br>\$1885 | \$1885<br>but<br>under<br>\$1890 | \$1890<br>but<br>under<br>\$1895 | \$1895<br>but<br>under<br>\$1900 | \$1900<br>but<br>under<br>\$1905 | \$1905<br>but<br>under<br>\$1910 | \$1910<br>but<br>under<br>\$1915 | \$1915<br>but<br>under<br>\$1920 | \$1920<br>but<br>under<br>\$1925 | \$1925<br>but<br>under<br>\$1930 | \$1930<br>but<br>under<br>\$1935 | \$1935<br>but<br>under<br>\$1940 | \$1940<br>but<br>under<br>\$1945 | \$1945<br>but<br>under<br>\$1950 | \$1950<br>but<br>under<br>\$1955 | \$1955<br>but<br>under<br>\$1960 | \$1960<br>but<br>under<br>\$1965 | \$1965<br>but<br>under<br>\$1970 | \$1970<br>but<br>under<br>\$1975 | \$1975<br>but<br>under<br>\$1980 | \$1980<br>but<br>under<br>\$1985 | \$1985<br>but<br>under<br>\$1990 | \$1990<br>but<br>under<br>\$1995 | \$1995<br>but<br>under<br>\$2000 | \$2000<br>but<br>under<br>\$2005 | \$2005<br>but<br>under<br>\$2010 | \$2010<br>but<br>under<br>\$2015 | \$2015<br>but<br>under<br>\$2020 | \$2020<br>but<br>under<br>\$2025 | \$2025<br>but<br>under<br>\$2030 | \$2030<br>but<br>under<br>\$2035 | \$2035<br>but<br>under<br>\$2040 | \$2040<br>but<br>under<br>\$2045 | \$2045<br>but<br>under<br>\$2050 | \$2050<br>but<br>under<br>\$2055 | \$2055<br>but<br>under<br>\$2060 | \$2060<br>but<br>under<br>\$2065 | \$2065<br>but<br>under<br>\$2070 | \$2070<br>but<br>under<br>\$2075 | \$2075<br>but<br>under<br>\$2080 | \$2080<br>but<br>under<br>\$2085 | \$2085<br>but<br>under<br>\$2090 | \$2090<br>but<br>under<br>\$2095 | \$2095<br>but<br>under<br>\$2100 | \$2100<br>but<br>under<br>\$2105 | \$2105<br>but<br>under<br>\$2110 | \$2110<br>but<br>under<br>\$2115 | \$2115<br>but<br>under<br>\$2120 | \$2120<br>but<br>under<br>\$2125 | \$2125<br>but<br>under<br>\$2130 | \$2130<br>but<br>under<br>\$2135 | \$2135<br>but<br>under<br>\$2140 | \$2140<br>but<br>under<br>\$2145 | \$2145<br>but<br>under<br>\$2150 | \$2150<br>but<br>under<br>\$2155 | \$2155<br>but<br>under<br>\$2160 | \$2160<br>but<br>under<br>\$2165 | \$2165<br>but<br>under<br>\$2170 | \$2170<br>but<br>under<br>\$2175 | \$2175<br>but<br>under<br>\$2180 | \$2180<br>but<br>under<br>\$2185 | \$2185<br>but<br>under<br>\$2190 | \$2190<br>but<br>under<br>\$2195 | \$2195<br>but<br>under<br>\$2200 | \$2200<br>but<br>under<br>\$2205 | \$2205<br>but<br>under<br>\$2210 | \$2210<br>but<br>under<br>\$2215 | \$2215<br>but<br>under<br>\$2220 | \$2220<br>but<br>under<br>\$2225 | \$2225<br>but<br>under<br>\$2230 | \$2230<br>but<br>under<br>\$2235 | \$2235<br>but<br>under<br>\$2240 | \$2240<br>but<br>under<br>\$2245 | \$2245<br>but<br>under<br>\$2250 | \$2250<br>but<br>under<br>\$2255 | \$2255<br>but<br>under<br>\$2260 | \$2260<br>but<br>under<br>\$2265 | \$2265<br>but<br>under<br>\$2270 | \$2270<br>but<br>under<br>\$2275 | \$2275<br>but<br>under<br>\$2280 | \$2280<br>but<br>under<br>\$2285 | \$2285<br>but<br>under<br>\$2290 | \$2290<br>but<br>under<br>\$2295 | \$2295<br>but<br>under<br>\$2300 | \$2300<br>but<br>under<br>\$2305 | \$2305<br>but<br>under<br>\$2310 | \$2310<br>but<br>under<br>\$2315 | \$2315<br>but<br>under<br>\$2320 | \$2320<br>but<br>under<br>\$2325 | \$2325<br>but<br>under<br>\$2330 | \$2330<br>but<br>under<br>\$2335 | \$2335<br>but<br>under<br>\$2340 | \$2340<br>but<br>under<br>\$2345 | \$2345<br>but<br>under<br>\$2350 | \$2350<br>but<br>under<br>\$2355 | \$2355<br>but<br>under<br>\$2360 | \$2360<br>but<br>under<br>\$2365 | \$2365<br>but<br>under<br>\$2370 | \$2370<br>but<br>under<br>\$2375 | \$2375<br>but<br>under<br>\$2380 | \$2380<br>but<br>under<br>\$2385 | \$2385<br>but<br>under<br>\$2390 | \$2390<br>but<br>under<br>\$2395 | 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\$2675<br>but<br>under<br>\$2680 | \$2680<br>but<br>under<br>\$2685 | \$2685<br>but<br>under<br>\$2690 | \$2690<br>but<br>under<br>\$2695 | \$2695<br>but<br>under<br>\$2700 | \$2700<br>but<br>under<br>\$2705 | \$2705<br>but<br>under<br>\$2710 | \$2710<br>but<br>under<br>\$2715 | \$2715<br>but<br>under<br>\$2720 | \$2720<br>but<br>under<br>\$2725 | \$2725<br>but<br>under<br>\$2730 | \$2730<br>but<br>under<br>\$2735 | \$2735<br>but<br>under<br>\$2740 | \$2740<br>but<br>under<br>\$2745 | \$2745<br>but<br>under<br>\$2750 | \$2750<br>but<br>under<br>\$2755 | \$2755<br>but<br>under<br>\$2760 | \$2760<br>but<br>under<br>\$2765 | \$2765<br>but<br>under<br>\$2770 | \$2770<br>but<br>under<br>\$2775 | \$2775<br>but<br>under<br>\$2780 | \$2780<br>but<br>under<br>\$2785 | \$2785<br>but<br>under<br>\$2790 | \$2790<br>but<br>under<br>\$2795 | \$2795<br>but<br>under<br>\$2800 | \$2800<br>but<br>under<br>\$2805 | \$2805<br>but<br>under<br>\$2810 | \$2810<br>but<br>under<br>\$2815 | 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# PUBLICATIONS OF THE BUREAU OF STATISTICS

## I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The first Annual Report on the Statistics of Labor was published in 1870, the first Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. Beginning with the year 1913 all of these several publications of the Labor Division of the Bureau have been styled "Labor Bulletins", and a certain number of copies have been set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are numbered consecutively as issued, and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of economic or social interest.

A list of the Bulletins issued since January 1, 1915, will be found below, any of which will be mailed to applicants upon request. Persons or organizations desiring to receive the Labor Bulletins as issued will be entered on our mailing list upon making application, and exchanges with publications having reference to industrial and social matters will be gladly made.

*(A list of the Reports and Bulletins issued prior to January 1, 1915, will be furnished on application.)*

- No. 104, February 1, 1915. Handbook of Labor Laws, 1914.  
No. 105, March 1, 1915. Sixth Annual Report on Labor Organizations, 1913.  
No. 106, April 1, 1915. Fourteenth Annual Directory of Labor Organizations, 1915.  
No. 107, May 1, 1915. Union Scale of Wages and Hours of Labor in Massachusetts, 1914.  
No. 108, June 1, 1915. Immigrant Aliens Destined for and Emigrant Aliens Departed from Massachusetts, 1914.  
No. 109, July 1, 1915. Wages and Hours of Labor in the Manufacture of Paper Products in Massachusetts.  
No. 110, August 1, 1915. Labor Legislation in Massachusetts, 1915.  
No. 111, September 1, 1915. Labor Bibliography, 1914.  
No. 112, November 1, 1915. Seventh Annual Report on Labor Organizations, 1914.  
No. 113, March 1, 1916. Fifteenth Annual Directory of Labor Organizations, 1915.  
No. 114, April 1, 1916. Union Scale of Wages and Hours of Labor in Massachusetts, 1915.  
No. 115, May 1, 1916. Wages and Hours of Labor in Steam and Electric Railway Service in Massachusetts.  
No. 116, September 1, 1916. Labor Legislation in Massachusetts, 1915.  
No. 117, November 1, 1916. Labor Injunctions in Massachusetts.  
No. 118, December 1, 1916. Eighth Annual Report on Labor Organizations, 1915.

## II. REPORT ON UNEMPLOYMENT OF ORGANIZED WAGE-EARNERS.

The first Quarterly Report on Unemployment of Organized Wage-Earners was published in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address upon application.

- 1913 — June 30; September 30; December 31.  
1914 — March 31; June 30; September 30; December 31.  
1915 — March 31; June 30; September 30; December 31.  
1916 — March 31; June 30; September 30; December 31.

Annual summaries were published in the Annual Reports on Labor Organizations of which the following are still available for distribution: 1912, 1913, 1914, and 1915. Persons or organizations desiring to receive copies of these reports will be placed upon the mailing list upon making application.

## III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The first Annual Report on the Statistics of Manufactures was published in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau were included in the tabulations. The Thirty-first Annual Report covering the year 1916 is now being compiled.

#### IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first Report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts; Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The ninth Annual Report covers municipal fiscal years ending between November 30, 1914, and March 31, 1915. Any of the reports now in print will be sent upon application.

#### V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. That indicated by an asterisk (\*) is now out of print; those which remain in print will be mailed upon application.

**No. 1. January, 1910.** A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

**\*No. 2. July, 1910.** Recent Legislation relative to Town Finances and Municipal Accounts. (Superseded by Bulletin No. 7.)

**No. 3. January, 1911.** The Issue and Certification of Town Notes Under the Provisions of Chapter 516 of the Acts of 1910.

**No. 4. March, 1911.** Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Arising which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being made.

**No. 5. July, 1913.** Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913, the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. (Superseded by Bulletin No. 7.)

**No. 6. July, 1914.** Laws relating to Municipal Finances with amendments of 1914. (Superseded by Bulletin No. 7.)

**No. 7. July, 1915.** Laws relating to Municipal Finances with amendments of 1914 and 1915. (Supersedes Bulletins Nos. 2, 5, and 6.) (Supplement, issued in 1916, contained amendments of 1916.)

#### VI. REPORT ON THE STATE PUBLIC EMPLOYMENT OFFICES.

(Public Document No. 80.)

Public employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, Fall River, and Worcester. The first Annual Report on the State Public Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The ninth Annual Report was issued in January, 1916, and covered the year ending November 30, 1915.

#### VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (\*), which are now out of print, will be mailed upon application.

**\*January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

**\*January 6, 1911.** The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

**April 15, 1912.** Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

**March 5, 1913.** Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

**August 1, 1913.** A Directory of Massachusetts Manufactures, 1913.

**August 1, 1914.** Report on Power Laundries in Massachusetts, 1913.

#### VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915, and the returns are now being tabulated.



